Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030772.D
Acq On : 02 Jul 2021 10:05
Operator : CG/JU
Sample : SP5613
Misc : SFAM SPIKE
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP5613

Manual Integrations APPROVED
mohammad
7/2/2021 12:04:30 PM

Quant Time: Jul 02 10:48:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	94309	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.557	136	407538	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.404	164	274107	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.139	188	598068	20.000	ng/ul	0.00
79) Chrysene-d12	21.315	240	667504	20.000	ng/ul	0.00
88) Perylene-d12	23.562	264	558473	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	68628	27.739	ng/uL	97
5) Pyridine	3.687	79	493507	73.352	ng/ul	95
6) Benzaldehyde	6.916	77	411899	104.152	ng/ul	92
8) Phenol	6.969	94	662458	80.550	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.198	93	487937	75.278	ng/ul	99
12) 2-Chlorophenol	7.339	128	517561	81.806	ng/ul	99
13) 2-Methylphenol	8.210	108	490426	82.292	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.298	45	801310	77.989	ng/ul	100
16) Acetophenone	8.592	105	780128	79.813	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.581	70	412652	85.349	ng/ul	99
18) 4-Methylphenol	8.545	108	529834	81.637	ng/ul	97
19) Hexachloroethane	8.845	117	209454	79.012	ng/ul	94
22) Nitrobenzene	8.969	77	604235	78.761	ng/ul	98
23) Isophorone	9.498	82	1097031	82.576	ng/ul	99
25) 2-Nitrophenol	9.681	139	281203	78.363	ng/ul	98
26) 2,4-Dimethylphenol	9.739	107	592985	81.756	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.975	93	675900	78.199	ng/ul	99
29) 2,4-Dichlorophenol	10.210	162	511827	82.522	ng/ul	98
30) Naphthalene	10.610	128	1593487	77.226	ng/ul	99
32) 4-Chloroaniline	10.722	127	586550	65.441	ng/ul	100
33) Hexachlorobutadiene	10.886	225	325747	77.673	ng/ul	99
34) Caprolactam	11.527	113	167515m	93.052	ng/ul	
35) 4-Chloro-3-methylphenol	11.845	107	544963	89.483	ng/ul	99
36) 2-Methylnaphthalene	12.222	142	1175075	81.608	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030772.D
Acq On : 02 Jul 2021 10:05
Operator : CG/JU
Sample : SP5613
Misc : SFAM SPIKE
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP5613

Manual Integrations APPROVED
mohammad
7/2/2021 12:04:30 PM

Quant Time: Jul 02 10:48:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.439	142	1151944	79.036	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.592	216	644068	75.314	ng/ul	99
40) Hexachlorocyclopentadiene	12.569	237	314830	56.417	ng/ul	99
41) 2,4,6-Trichlorophenol	12.833	196	439855	81.670	ng/ul	96
42) 2,4,5-Trichlorophenol	12.904	196	475980	82.809	ng/ul	99
43) 1,1'-Biphenyl	13.239	154	1530268	75.644	ng/ul	99
44) 2-Chloronaphthalene	13.280	162	1200859	75.505	ng/ul	99
45) 2-Nitroaniline	13.486	65	397593	93.021	ng/ul	96
47) Dimethylphthalate	13.863	163	1507320	81.283	ng/ul	100
48) 2,6-Dinitrotoluene	13.986	165	329951	92.346	ng/ul	99
50) Acenaphthylene	14.121	152	1764409	77.426	ng/ul	100
51) 3-Nitroaniline	14.316	138	314097	82.523	ng/ul	97
52) Acenaphthene	14.468	153	1311988	79.331	ng/ul	99
53) 2,4-Dinitrophenol	14.527	184	178629	76.049	ng/ul	96
55) 4-Nitrophenol	14.621	109	242134	84.409	ng/ul	98
56) Dibenzofuran	14.804	168	1824927	79.153	ng/ul	97
57) 2,4-Dinitrotoluene	14.774	165	479392	95.825	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.027	232	416138	89.434	ng/ul#	97
59) Diethylphthalate	15.227	149	1582719	88.847	ng/ul	99
61) Fluorene	15.451	166	1613418	84.912	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.445	204	797819	84.312	ng/ul	100
63) 4-Nitroaniline	15.486	138	383221	105.731	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.539	198	253877	66.673	ng/ul#	98
67) N-Nitrosodiphenylamine	15.662	169	1340831	75.223	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	481046	78.827	ng/ul	98
69) Hexachlorobenzene	16.457	284	560638	79.426	ng/ul	98
70) Atrazine	16.615	200	531119	84.009	ng/ul	97
71) Pentachlorophenol	16.798	266	355982	80.481	ng/ul	98
72) Phenanthrene	17.186	178	2503939	77.962	ng/ul	99
74) Anthracene	17.274	178	2591393	78.913	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.198	216	639622	67.054	ng/uL	99
76) Pentachlorobenzene	14.727	250	654848	72.068	ng/uL	99
77) Carbazole	17.545	167	2342222	79.540	ng/ul	99
78) Di-n-butylphthalate	18.109	149	2861016	95.350	ng/ul	100
80) Fluoranthene	19.198	202	3130200	73.278	ng/ul	99
82) Pyrene	19.562	202	3222304	71.791	ng/ul	98
83) Butylbenzylphthalate	20.456	149	1392905	94.277	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.233	252	1072430	81.505	ng/ul	97
85) Benzo(a)anthracene	21.303	228	3239670	78.207	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	2225815	104.742	ng/ul#	97
87) Chrysene	21.356	228	3086940	76.441	ng/ul	98
89) Di-n-octyl phthalate	22.103	149	3724968	115.947	ng/ul	100
90) Benzo(b)fluoranthene	22.891	252	3063719	86.408	ng/ul	99
91) Benzo(k)fluoranthene	22.938	252	2839414	83.329	ng/ul	98
93) Benzo(a)pyrene	23.468	252	2523180	79.143	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.856	276	2998000	74.697	ng/ul	98
95) Dibenzo(a,h)anthracene	25.862	278	2532093	76.103	ng/ul	99
96) Benzo(g,h,i)perylene	26.550	276	2295540	68.552	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030772.D
Acq On : 02 Jul 2021 10:05
Operator : CG/JU
Sample : SP5613
Misc : SFAM SPIKE
ALS Vial : 75 Sample Multiplier: 1

Quant Time: Jul 02 10:48:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SP5613

Manual Integrations APPROVED
mohammad
7/2/2021 12:04:30 PM