Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030723.D
Acq On : 01 Jul 2021 02:48
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020010

Manual Integrations APPROVED
mohammad
7/1/2021 2:55:35 PM

Quant Time: Jul 01 04:12:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 00:59:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	87829	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	345942	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.404	164	204118	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.145	188	387231	20.000	ng/ul	0.00
79) Chrysene-d12	21.309	240	369534	20.000	ng/ul	0.00
88) Perylene-d12	23.562	264	414103	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	17236	7.956	ng/uL	0.00
4) Pyridine-d5	3.681	84	108677	18.671	ng/ul	0.00
7) Phenol-d5	6.945	99	136717	18.049	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	89189	18.733	ng/ul	0.00
11) 2-Chlorophenol-d4	7.310	132	112753	19.284	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	107268	18.197	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	50984	19.750	ng/ul	0.00
24) 2-Nitrophenol-d4	9.651	143	54096	18.857	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.186	165	106457	19.371	ng/ul	0.00
31) 4-Chloroaniline-d4	10.698	131	138074	18.016	ng/ul	0.00
46) Dimethylphthalate-d6	13.816	166	275371	19.538	ng/ul	0.00
49) Acenaphthylene-d8	14.098	160	363035	19.844	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	45730	17.127	ng/ul	0.00
60) Fluorene-d10	15.398	176	241820	19.345	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.521	200	39896	15.748	ng/ul	0.00
73) Anthracene-d10	17.245	188	352122	19.484	ng/ul	0.00
81) Pyrene-d10	19.533	212	369046	19.059	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.415	264	414289	19.243	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	18120	7.864	ng/uL	98
5) Pyridine	3.699	79	117229	18.710	ng/ul	99
6) Benzaldehyde	6.922	77	87638m	23.795	ng/ul	
8) Phenol	6.969	94	139778	18.250	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.204	93	110905	18.373	ng/ul	97
12) 2-Chlorophenol	7.339	128	112637	19.117	ng/ul	96
13) 2-Methylphenol	8.216	108	101539	18.295	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.304	45	180652	18.880	ng/ul	99
16) Acetophenone	8.598	105	166018	18.238	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.581	70	86019	19.104	ng/ul	99
18) 4-Methylphenol	8.545	108	109982	18.196	ng/ul	97
19) Hexachloroethane	8.851	117	47620	19.289	ng/ul	99
22) Nitrobenzene	8.975	77	133846	20.553	ng/ul	98
23) Isophorone	9.498	82	216794	19.224	ng/ul	99
25) 2-Nitrophenol	9.681	139	58413	19.176	ng/ul	96
26) 2,4-Dimethylphenol	9.739	107	122179	19.844	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.980	93	140106	19.096	ng/ul	98
29) 2,4-Dichlorophenol	10.210	162	102802	19.526	ng/ul	99
30) Naphthalene	10.610	128	341229	19.482	ng/ul	99
32) 4-Chloroaniline	10.727	127	139937	18.392	ng/ul	99
33) Hexachlorobutadiene	10.892	225	70011	19.666	ng/ul	96
34) Caprolactam	11.510	113	26310m	17.217	ng/ul	
35) 4-Chloro-3-methylphenol	11.845	107	99984	19.341	ng/ul	98
36) 2-Methylnaphthalene	12.222	142	235361	19.256	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.445	142	236980	19.154	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.598	216	127182	19.971	ng/ul	98
40) Hexachlorocyclopentadiene	12.569	237	81981	19.728	ng/ul	98
41) 2,4,6-Trichlorophenol	12.833	196	77567	19.341	ng/ul	98
42) 2,4,5-Trichlorophenol	12.910	196	82994	19.390	ng/ul	98
43) 1,1'-Biphenyl	13.239	154	296850	19.705	ng/ul	99
44) 2-Chloronaphthalene	13.280	162	235153	19.855	ng/ul	99
45) 2-Nitroaniline	13.486	65	64477	20.258	ng/ul	94
47) Dimethylphthalate	13.863	163	269824	19.539	ng/ul	99
48) 2,6-Dinitrotoluene	13.986	165	52066	19.569	ng/ul	98
50) Acenaphthylene	14.127	152	334584	19.716	ng/ul	99
51) 3-Nitroaniline	14.316	138	52794	18.627	ng/ul	95
52) Acenaphthene	14.468	153	242740	19.710	ng/ul	98
53) 2,4-Dinitrophenol	14.527	184	28975	16.566	ng/ul	99
55) 4-Nitrophenol	14.615	109	38649	18.093	ng/ul	95
56) Dibenzofuran	14.804	168	336218	19.583	ng/ul	99
57) 2,4-Dinitrotoluene	14.774	165	74007	19.865	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.033	232	66427	19.171	ng/ul	97
59) Diethylphthalate	15.227	149	257709	19.427	ng/ul	99
61) Fluorene	15.451	166	271476	19.186	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.445	204	133912	19.004	ng/ul	100
63) 4-Nitroaniline	15.474	138	53375	19.776	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.539	198	39020	15.827	ng/ul	99
67) N-Nitrosodiphenylamine	15.662	169	226059	19.588	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	76495	19.360	ng/ul	97
69) Hexachlorobenzene	16.457	284	89037	19.482	ng/ul	99
70) Atrazine	16.609	200	74034	18.086	ng/ul	99
71) Pentachlorophenol	16.798	266	49242	17.194	ng/ul	97
72) Phenanthrene	17.186	178	405893	19.519	ng/ul	99
74) Anthracene	17.274	178	415104	19.523	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.204	216	122379	19.815	ng/uL	98
76) Pentachlorobenzene	14.727	250	117293	19.937	ng/uL	99
77) Carbazole	17.545	167	353805	18.557	ng/ul	99
78) Di-n-butylphthalate	18.109	149	371783	19.137	ng/ul	99
80) Fluoranthene	19.198	202	448688	18.974	ng/ul	99
82) Pyrene	19.556	202	472735	19.025	ng/ul	99
83) Butylbenzylphthalate	20.456	149	152142	18.601	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.233	252	140545	19.294	ng/ul	98
85) Benzo(a)anthracene	21.297	228	455021	19.841	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	214289	18.215	ng/ul	100
87) Chrysene	21.350	228	446079	19.953	ng/ul	98
89) Di-n-octyl phthalate	22.103	149	372245	15.626	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	491033	18.677	ng/ul	100
91) Benzo(k)fluoranthene	22.927	252	487305	19.287	ng/ul	99
93) Benzo(a)pyrene	23.462	252	460014	19.459	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.838	276	622561	20.919	ng/ul	99
95) Dibenzo(a,h)anthracene	25.850	278	514284	20.846	ng/ul	99
96) Benzo(g,h,i)perylene	26.538	276	526023	21.185	ng/ul	99

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

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