Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015736.D
Acq On : 27 Jun 2023 04:01
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP608

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 04:58:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	127037	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	465103	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	240232	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	484738	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	512174	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	657757	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	33272	9.423	ng/uL	0.00
4) Pyridine-d5	3.828	84	184345	20.711	ng/ul	0.00
7) Phenol-d5	7.228	99	219974	20.238	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	137911	20.508	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	173926	21.197	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	163545	19.046	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	79778	22.444	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	89717	21.626	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	153730	20.795	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	186681	19.658	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	390797	21.047	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	464552	22.256	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	43379	17.703	ng/ul	0.00
60) Fluorene-d10	15.704	176	326902	21.382	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	55883	18.746	ng/ul	0.00
73) Anthracene-d10	17.575	188	491409	22.194	ng/ul	0.00
81) Pyrene-d10	19.798	212	584733	17.484	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	699641	21.086	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.423	88	35112	9.240	ng/uL	97
5) Pyridine	3.846	79	196780	21.133	ng/ul	99
6) Benzaldehyde	7.205	77	95404	21.710	ng/ul	97
8) Phenol	7.258	94	230900	20.471	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.481	93	186923	20.828	ng/ul	99
12) 2-Chlorophenol	7.622	128	181354	20.804	ng/ul	96
13) 2-Methylphenol	8.516	108	167977	19.724	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.593	45	253564m	20.686	ng/ul	
16) Acetophenone	8.905	105	267102	18.923	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.875	70	142546	18.183	ng/ul	98
18) 4-Methylphenol	8.858	108	173495	18.961	ng/ul	95
19) Hexachloroethane	9.140	117	87905	21.834	ng/ul	92
22) Nitrobenzene	9.287	77	220181	22.058	ng/ul	97
23) Isophorone	9.810	82	380223	19.905	ng/ul	98
25) 2-Nitrophenol	10.005	139	95150	21.611	ng/ul	100
26) 2,4-Dimethylphenol	10.063	107	205905	21.274	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.293	93	224480	20.818	ng/ul	96
29) 2,4-Dichlorophenol	10.552	162	155429	21.148	ng/ul	99
30) Naphthalene	10.940	128	544613	21.540	ng/ul	99
32) 4-Chloroaniline	11.069	127	196948	19.961	ng/ul	98
33) Hexachlorobutadiene	11.210	225	123951	22.332	ng/ul	99
34) Caprolactam	11.863	113	41428	18.428	ng/ul	89
35) 4-Chloro-3-methylphenol	12.193	107	161439	18.765	ng/ul	100
36) 2-Methylnaphthalene	12.546	142	334123	20.074	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	336237	19.802	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.916	216	186253	23.527	ng/ul	98
40) Hexachlorocyclopentadiene	12.875	237	46773	19.750	ng/ul	99
41) 2,4,6-Trichlorophenol	13.163	196	111250	22.237	ng/ul	97
42) 2,4,5-Trichlorophenol	13.246	196	114669	21.608	ng/ul	94
43) 1,1'-Biphenyl	13.546	154	427280	22.456	ng/ul	99
44) 2-Chloronaphthalene	13.593	162	340202	22.696	ng/ul	99
45) 2-Nitroaniline	13.816	65	100096	21.222	ng/ul	95
47) Dimethylphthalate	14.163	163	405987	21.127	ng/ul	100
48) 2,6-Dinitrotoluene	14.304	165	81453	20.896	ng/ul	96
50) Acenaphthylene	14.434	152	510707	22.206	ng/ul	99
51) 3-Nitroaniline	14.646	138	64064	20.958	ng/ul	92
52) Acenaphthene	14.775	153	352532	22.104	ng/ul	97
53) 2,4-Dinitrophenol	14.881	184	30950	14.966	ng/ul	93
55) 4-Nitrophenol	14.969	109	43108	16.977	ng/ul	97
56) Dibenzofuran	15.110	168	481188	21.734	ng/ul	99
57) 2,4-Dinitrotoluene	15.104	165	110838	20.866	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.351	232	95110	20.866	ng/ul	99
59) Diethylphthalate	15.522	149	402916	20.720	ng/ul	98
61) Fluorene	15.763	166	384769	21.426	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	194410	21.157	ng/ul	98
63) 4-Nitroaniline	15.822	138	44751m	21.391	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.875	198	57383	19.025	ng/ul#	98
67) N-Nitrosodiphenylamine	15.969	169	314447	21.669	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	118697	21.443	ng/ul	94
69) Hexachlorobenzene	16.775	284	140763	21.552	ng/ul	97
70) Atrazine	16.922	200	118715	21.372	ng/ul	98
71) Pentachlorophenol	17.134	266	66983	21.368	ng/ul	99
72) Phenanthrene	17.516	178	581119	22.067	ng/ul	99
74) Anthracene	17.610	178	587238	22.193	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.516	216	187192	23.732	ng/uL	99
76) Pentachlorobenzene	15.034	250	175920	22.099	ng/uL	98
77) Carbazole	17.887	167	517816	23.218	ng/ul	100
78) Di-n-butylphthalate	18.404	149	656882	22.217	ng/ul	100
80) Fluoranthene	19.475	202	706891	17.007	ng/ul	99
82) Pyrene	19.828	202	742845	17.521	ng/ul	97
83) Butylbenzylphthalate	20.680	149	329570	19.053	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.475	252	266921	23.054	ng/ul	98
85) Benzo(a)anthracene	21.545	228	785185	21.793	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.428	149	489306	20.583	ng/ul	99
87) Chrysene	21.604	228	756458	22.130	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	893443	18.586	ng/ul	100
90) Benzo(b)fluoranthene	23.322	252	889930	21.057	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	858108	20.095	ng/ul	99
93) Benzo(a)pyrene	23.998	252	792526	21.460	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.810	276	1104765	22.037	ng/ul	98
95) Dibenzo(a,h)anthracene	26.821	278	913740	22.190	ng/ul	99
96) Benzo(g,h,i)perylene	27.651	276	906802	21.987	ng/ul	99

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

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