Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030771.D
Acq On : 02 Jul 2021 09:29
Operator : CG/JU
Sample : PB137472BS
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS472

Quant Time: Jul 02 10:46:22 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	87005	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.557	136	349730	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	201969	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.139	188	367327	20.000	ng/ul	0.00
79) Chrysene-d12	21.309	240	353439	20.000	ng/ul	0.00
88) Perylene-d12	23.562	264	361115	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	15215	7.090	ng/uL	0.00
4) Pyridine-d5	3.675	84	166181	28.821	ng/ul	0.00
7) Phenol-d5	6.940	99	263026	35.053	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	165697	35.132	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.304	132	211746	36.558	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	199038	34.085	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	96179	36.854	ng/ul	0.00
24) 2-Nitrophenol-d4	9.645	143	105366	36.330	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	202294	36.411	ng/ul	0.00
31) 4-Chloroaniline-d4	10.692	131	237769	30.689	ng/ul	-0.01
46) Dimethylphthalate-d6	13.810	166	530514	38.042	ng/ul	-0.01
49) Acenaphthylene-d8	14.092	160	697923	38.555	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.604	143	90222	34.150	ng/ul	0.00
60) Fluorene-d10	15.392	176	468355	37.866	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.521	200	79738	33.180	ng/ul	0.00
73) Anthracene-d10	17.239	188	625814	36.505	ng/ul	0.00
81) Pyrene-d10	19.527	212	671516	36.259	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.421	264	791435	42.155	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	35785	15.678	ng/uL	94
5) Pyridine	3.693	79	194823	31.388	ng/ul	99
6) Benzaldehyde	6.916	77	160428	43.971	ng/ul	92
8) Phenol	6.963	94	270576	35.662	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.198	93	204043	34.122	ng/ul	100
12) 2-Chlorophenol	7.334	128	210865	36.127	ng/ul	97
13) 2-Methylphenol	8.210	108	189015	34.379	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.292	45	336292	35.478	ng/ul	98
16) Acetophenone	8.592	105	316847	35.137	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.581	70	164566	36.895	ng/ul	98
18) 4-Methylphenol	8.539	108	207076	34.585	ng/ul	97
19) Hexachloroethane	8.839	117	85973	35.154	ng/ul	99
22) Nitrobenzene	8.969	77	250802	38.095	ng/ul	98
23) Isophorone	9.492	82	429440	37.668	ng/ul	99
25) 2-Nitrophenol	9.675	139	113414	36.829	ng/ul	97
26) 2,4-Dimethylphenol	9.733	107	156231	25.100	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.969	93	267518	36.067	ng/ul	99
29) 2,4-Dichlorophenol	10.204	162	195648	36.758	ng/ul	98
30) Naphthalene	10.604	128	641611	36.235	ng/ul	100
32) 4-Chloroaniline	10.716	127	237318	30.854	ng/ul	99
33) Hexachlorobutadiene	10.886	225	128329	35.657	ng/ul	100
34) Caprolactam	11.498	113	53392	34.561	ng/ul	95
35) 4-Chloro-3-methylphenol	11.839	107	199855	38.240	ng/ul	99
36) 2-Methylnaphthalene	12.216	142	448784	36.319	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.439	142	437301	34.963	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.586	216	241016	38.250	ng/ul	99
40) Hexachlorocyclopentadiene	12.569	237	93837	22.821	ng/ul	99
41) 2,4,6-Trichlorophenol	12.827	196	143392	36.134	ng/ul	98
42) 2,4,5-Trichlorophenol	12.904	196	158400	37.401	ng/ul	99
43) 1,1'-Biphenyl	13.233	154	572630	38.416	ng/ul	99
44) 2-Chloronaphthalene	13.274	162	452263	38.593	ng/ul	100
45) 2-Nitroaniline	13.486	65	134944	42.848	ng/ul	97
47) Dimethylphthalate	13.863	163	539723	39.500	ng/ul	99
48) 2,6-Dinitrotoluene	13.980	165	109945	41.762	ng/ul	98
50) Acenaphthylene	14.121	152	647200	38.544	ng/ul	100
51) 3-Nitroaniline	14.310	138	105536	37.631	ng/ul	98
52) Acenaphthene	14.463	153	477706	39.202	ng/ul	98
53) 2,4-Dinitrophenol	14.521	184	49706	28.720	ng/ul	98
55) 4-Nitrophenol	14.616	109	78374	37.080	ng/ul	98
56) Dibenzofuran	14.798	168	655611	38.593	ng/ul	97
57) 2,4-Dinitrotoluene	14.768	165	151111	40.994	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.027	232	116894	34.095	ng/ul#	99
59) Diethylphthalate	15.221	149	523023	39.847	ng/ul	99
61) Fluorene	15.451	166	542623	38.758	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.445	204	271893	38.996	ng/ul	97
63) 4-Nitroaniline	15.474	138	110355	41.322	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.533	198	79014	33.785	ng/ul	96
67) N-Nitrosodiphenylamine	15.657	169	445656	40.708	ng/ul	98
68) 4-Bromophenyl-phenylether	16.333	248	154916	41.332	ng/ul	97
69) Hexachlorobenzene	16.451	284	177227	40.879	ng/ul	99
70) Atrazine	16.609	200	75790	19.518	ng/ul	97
71) Pentachlorophenol	16.792	266	83088	30.584	ng/ul	98
72) Phenanthrene	17.186	178	791491	40.124	ng/ul	100
74) Anthracene	17.274	178	768030	38.080	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.198	216	236327	40.338	ng/uL	99
76) Pentachlorobenzene	14.721	250	215992	38.702	ng/uL	99
77) Carbazole	17.545	167	679332	37.561	ng/ul	99
78) Di-n-butylphthalate	18.104	149	777836	42.207	ng/ul	99
80) Fluoranthene	19.198	202	848287	37.505	ng/ul	98
82) Pyrene	19.556	202	887219	37.331	ng/ul	99
83) Butylbenzylphthalate	20.450	149	315779	40.365	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	240966	34.587	ng/ul	97
85) Benzo(a)anthracene	21.297	228	871350	39.726	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	440669	39.164	ng/ul	99
87) Chrysene	21.350	228	854171	39.947	ng/ul	98
89) Di-n-octyl phthalate	22.103	149	753223	36.259	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	998586	43.556	ng/ul	99
91) Benzo(k)fluoranthene	22.927	252	923650	41.921	ng/ul	99
93) Benzo(a)pyrene	23.462	252	877153	42.550	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.844	276	1212934	46.737	ng/ul	98
95) Dibenzo(a,h)anthracene	25.850	278	1017583	47.299	ng/ul	99
96) Benzo(g,h,i)perylene	26.544	276	989854	45.715	ng/ul	99

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

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