Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
Data File : BM032427.D
Acq On : 11 Oct 2021 19:25
Operator : CG/JU
Sample : PB139668BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS668

Quant Time: Oct 12 01:01:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 11 11:06:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	172790	20.000	ng/ul	0.00
20) Naphthalene-d8	10.401	136	827073	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.265	164	568841	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.989	188	1201493	20.000	ng/ul	0.00
79) Chrysene-d12	21.159	240	1206574	20.000	ng/ul	0.00
88) Perylene-d12	23.300	264	1311299	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.954	96	21058	4.886	ng/uL	0.00
4) Pyridine-d5	3.384	84	306892	25.207	ng/ul	0.00
7) Phenol-d5	6.807	99	434349	29.561	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.942	67	243141	28.820	ng/ul	0.00
11) 2-Chlorophenol-d4	7.154	132	335375	29.895	ng/ul	0.00
15) 4-Methylphenol-d8	8.342	113	364623	30.724	ng/ul	0.00
21) Nitrobenzene-d5	8.766	128	174073	29.830	ng/ul	0.00
24) 2-Nitrophenol-d4	9.489	143	193480	30.759	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.036	165	365424	29.183	ng/ul	0.00
31) 4-Chloroaniline-d4	10.536	131	511343	27.686	ng/ul	0.00
46) Dimethylphthalate-d6	13.665	166	1190991	30.253	ng/ul	0.00
49) Acenaphthylene-d8	13.954	160	1411732	29.519	ng/ul	0.00
54) 4-Nitrophenol-d4	14.477	143	240131	31.060	ng/ul	0.00
60) Fluorene-d10	15.254	176	996844	29.857	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.371	200	208905	30.508	ng/ul	0.00
73) Anthracene-d10	17.089	188	1577490	30.162	ng/ul	0.00
81) Pyrene-d10	19.377	212	1836062	30.248	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.171	264	1915769	29.174	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.990	88	49631	10.580	ng/uL	97
5) Pyridine	3.401	79	341191	28.337	ng/ul	98
6) Benzaldehyde	6.742	77	273073	39.481	ng/ul	98
8) Phenol	6.831	94	497239	33.407	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.031	93	386288	32.982	ng/ul	98
12) 2-Chlorophenol	7.184	128	390295	33.676	ng/ul	99
13) 2-Methylphenol	8.078	108	390051	34.172	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.148	45	486200	33.521	ng/ul	99
16) Acetophenone	8.431	105	624519	35.920	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.425	70	314763	36.668	ng/ul	96
18) 4-Methylphenol	8.407	108	427957	35.771	ng/ul	98
19) Hexachloroethane	8.701	117	154709	33.556	ng/ul	98
22) Nitrobenzene	8.807	77	448266	32.355	ng/ul	99
23) Isophorone	9.330	82	906027	33.897	ng/ul	100
25) 2-Nitrophenol	9.525	139	231305	33.653	ng/ul	98
26) 2,4-Dimethylphenol	9.601	107	460546	31.339	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.813	93	565309	31.890	ng/ul	99
29) 2,4-Dichlorophenol	10.066	162	406382	32.969	ng/ul	97
30) Naphthalene	10.454	128	1320570	31.154	ng/ul	100
32) 4-Chloroaniline	10.560	127	570603	30.771	ng/ul	99
33) Hexachlorobutadiene	10.760	225	242361	30.477	ng/ul	99
34) Caprolactam	11.307	113	155968	35.100	ng/ul	97
35) 4-Chloro-3-methylphenol	11.707	107	474736	35.001	ng/ul	99
36) 2-Methylnaphthalene	12.071	142	977995	33.922	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.289	142	940884	32.049	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.454	216	499277	31.830	ng/ul	99
40)	Hexachlorocyclopentadiene	12.442	237	239420	26.195	ng/ul	97
41)	2,4,6-Trichlorophenol	12.695	196	349546	34.798	ng/ul	99
42)	2,4,5-Trichlorophenol	12.766	196	380277	34.498	ng/ul	100
43)	1,1'-Biphenyl	13.089	154	1271694	31.181	ng/ul	99
44)	2-Chloronaphthalene	13.130	162	966923	31.107	ng/ul	99
45)	2-Nitroaniline	13.336	65	298545	35.965	ng/ul	93
47)	Dimethylphthalate	13.718	163	1304988	33.098	ng/ul	99
48)	2,6-Dinitrotoluene	13.830	165	262950	35.788	ng/ul	95
50)	Acenaphthylene	13.983	152	1526095	30.159	ng/ul	99
51)	3-Nitroaniline	14.160	138	286684	37.328	ng/ul	99
52)	Acenaphthene	14.330	153	1087056	32.533	ng/ul	100
53)	2,4-Dinitrophenol	14.365	184	161545	34.183	ng/ul	98
55)	4-Nitrophenol	14.489	109	213358	34.196	ng/ul	96
56)	Dibenzofuran	14.660	168	1533953	31.678	ng/ul	100
57)	2,4-Dinitrotoluene	14.618	165	394557	36.330	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	14.895	232	336242	37.560	ng/ul	100
59)	Diethylphthalate	15.083	149	1355579	34.464	ng/ul	100
61)	Fluorene	15.307	166	1238160	33.278	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.301	204	603357	32.105	ng/ul	98
63)	4-Nitroaniline	15.324	138	299567	42.193	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.389	198	237836	35.339	ng/ul#	95
67)	N-Nitrosodiphenylamine	15.512	169	1110518	33.128	ng/ul	99
68)	4-Bromophenyl-phenylether	16.189	248	380922	32.895	ng/ul	97
69)	Hexachlorobenzene	16.324	284	434949	32.609	ng/ul	99
70)	Atrazine	16.454	200	418247	33.012	ng/ul	99
71)	Pentachlorophenol	16.659	266	290263	36.101	ng/ul	99
72)	Phenanthrene	17.030	178	2049906	33.056	ng/ul	99
74)	Anthracene	17.124	178	2102083	33.744	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.066	216	521534	30.917	ng/uL	99
76)	Pentachlorobenzene	14.595	250	502315	29.982	ng/uL	100
77)	Carbazole	17.389	167	1956688	35.218	ng/ul	100
78)	Di-n-butylphthalate	17.948	149	2372664	36.965	ng/ul	100
80)	Fluoranthene	19.042	202	2465048	32.914	ng/ul	99
82)	Pyrene	19.406	202	2551401	33.162	ng/ul	99
83)	Butylbenzylphthalate	20.294	149	1087959	37.265	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.077	252	833716	38.108	ng/ul	98
85)	Benzo(a)anthracene	21.141	228	2444603	33.598	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.065	149	1580892	38.951	ng/ul	99
87)	Chrysene	21.194	228	2371789	33.106	ng/ul	99
89)	Di-n-octyl phthalate	21.912	149	2887683	38.666	ng/ul	100
90)	Benzo(b)fluoranthene	22.665	252	2686716	33.677	ng/ul	99
91)	Benzo(k)fluoranthene	22.706	252	2505450	34.625	ng/ul	99
93)	Benzo(a)pyrene	23.212	252	2381624	31.554	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	25.435	276	2922411	35.028	ng/ul	100
95)	Dibenzo(a,h)anthracene	25.435	278	2466404	34.452	ng/ul	100
96)	Benzo(g,h,i)perylene	26.088	276	2495165	34.176	ng/ul	100

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

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