Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
Data File : BM032445.D
Acq On : 12 Oct 2021 06:51
Operator : CG/JU
Sample : PB139789BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS789

Quant Time: Oct 12 07:23:25 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	251535	20.000	ng/ul	0.00
20) Naphthalene-d8	10.401	136	1164722	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.260	164	780342	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.989	188	1593951	20.000	ng/ul	0.00
79) Chrysene-d12	21.153	240	1498485	20.000	ng/ul	0.00
88) Perylene-d12	23.294	264	1547130	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	34119	5.438	ng/uL	0.00
4) Pyridine-d5	3.384	84	479321	27.045	ng/ul	0.00
7) Phenol-d5	6.801	99	676092	31.609	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.937	67	380020	30.943	ng/ul	0.00
11) 2-Chlorophenol-d4	7.148	132	529646	32.432	ng/ul	0.00
15) 4-Methylphenol-d8	8.342	113	566941	32.817	ng/ul	0.00
21) Nitrobenzene-d5	8.766	128	275026	33.467	ng/ul	0.00
24) 2-Nitrophenol-d4	9.489	143	309970	34.993	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.036	165	570971	32.380	ng/ul	0.00
31) 4-Chloroaniline-d4	10.536	131	722107	27.763	ng/ul	0.00
46) Dimethylphthalate-d6	13.666	166	1718220	31.816	ng/ul	0.00
49) Acenaphthylene-d8	13.948	160	2112751	32.204	ng/ul	0.00
54) 4-Nitrophenol-d4	14.471	143	330845	31.195	ng/ul	0.00
60) Fluorene-d10	15.248	176	1440388	31.449	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.371	200	296041	32.589	ng/ul	0.00
73) Anthracene-d10	17.083	188	2209616	31.846	ng/ul	0.00
81) Pyrene-d10	19.371	212	2435855	32.312	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.165	264	2381513	30.738	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.990	88	72597	10.631	ng/uL	98
5) Pyridine	3.402	79	510761	29.140	ng/ul	96
6) Benzaldehyde	6.737	77	436622	43.365	ng/ul	97
8) Phenol	6.831	94	723103	33.372	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.031	93	561419	32.929	ng/ul	100
12) 2-Chlorophenol	7.184	128	571971	33.902	ng/ul	100
13) 2-Methylphenol	8.078	108	566812	34.112	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.148	45	697477	33.034	ng/ul	99
16) Acetophenone	8.431	105	898056	35.483	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.425	70	452950	36.247	ng/ul	98
18) 4-Methylphenol	8.407	108	621233	35.670	ng/ul	99
19) Hexachloroethane	8.695	117	228025	33.975	ng/ul	99
22) Nitrobenzene	8.807	77	644441	33.030	ng/ul	98
23) Isophorone	9.331	82	1328004	35.281	ng/ul	99
25) 2-Nitrophenol	9.519	139	348172	35.971	ng/ul	98
26) 2,4-Dimethylphenol	9.595	107	698243	33.740	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.813	93	820497	32.868	ng/ul	99
29) 2,4-Dichlorophenol	10.060	162	589183	33.942	ng/ul	99
30) Naphthalene	10.448	128	1924817	32.245	ng/ul	100
32) 4-Chloroaniline	10.560	127	765815	29.326	ng/ul	99
33) Hexachlorobutadiene	10.754	225	362019	32.326	ng/ul	98
34) Caprolactam	11.313	113	205924	32.908	ng/ul	97
35) 4-Chloro-3-methylphenol	11.707	107	671363	35.148	ng/ul	100
36) 2-Methylnaphthalene	12.066	142	1343372	33.088	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.289	142	1365884	33.038	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.448	216	699956	32.530	ng/ul	99
40) Hexachlorocyclopentadiene	12.442	237	406331	32.407	ng/ul	99
41) 2,4,6-Trichlorophenol	12.689	196	490732	35.612	ng/ul	99
42) 2,4,5-Trichlorophenol	12.766	196	532883	35.240	ng/ul	99
43) 1,1'-Biphenyl	13.089	154	1813350	32.411	ng/ul	99
44) 2-Chloronaphthalene	13.130	162	1385264	32.487	ng/ul	100
45) 2-Nitroaniline	13.330	65	420171	36.898	ng/ul	95
47) Dimethylphthalate	13.713	163	1784906	33.001	ng/ul	99
48) 2,6-Dinitrotoluene	13.830	165	374463	37.151	ng/ul	91
50) Acenaphthylene	13.977	152	2304403	33.197	ng/ul	99
51) 3-Nitroaniline	14.160	138	373408	35.442	ng/ul	99
52) Acenaphthene	14.324	153	1492418	32.559	ng/ul	99
53) 2,4-Dinitrophenol	14.360	184	220333	33.986	ng/ul	97
55) 4-Nitrophenol	14.489	109	276772	32.337	ng/ul	94
56) Dibenzofuran	14.660	168	2127403	32.026	ng/ul	100
57) 2,4-Dinitrotoluene	14.618	165	538208	36.126	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.895	232	444069	36.161	ng/ul	97
59) Diethylphthalate	15.083	149	1799542	33.351	ng/ul	100
61) Fluorene	15.307	166	1640728	32.145	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.295	204	825197	32.008	ng/ul	99
63) 4-Nitroaniline	15.324	138	414445	42.552	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.383	198	309481	34.663	ng/ul	99
67) N-Nitrosodiphenylamine	15.513	169	1492461	33.560	ng/ul	99
68) 4-Bromophenyl-phenylether	16.183	248	514115	33.466	ng/ul	99
69) Hexachlorobenzene	16.318	284	580687	32.817	ng/ul	98
70) Atrazine	16.454	200	554767	33.006	ng/ul	99
71) Pentachlorophenol	16.654	266	379198	35.550	ng/ul	99
72) Phenanthrene	17.030	178	2681942	32.600	ng/ul	100
74) Anthracene	17.118	178	2715543	32.859	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.060	216	715829	31.986	ng/uL	100
76) Pentachlorobenzene	14.589	250	701319	31.554	ng/uL	100
77) Carbazole	17.383	167	2487762	33.752	ng/ul	99
78) Di-n-butylphthalate	17.942	149	3049715	35.815	ng/ul	100
80) Fluoranthene	19.036	202	3117004	33.512	ng/ul	99
82) Pyrene	19.401	202	3152465	32.992	ng/ul	97
83) Butylbenzylphthalate	20.289	149	1352144	37.292	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.071	252	949417	34.942	ng/ul	99
85) Benzo(a)anthracene	21.136	228	2969493	32.861	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.059	149	1906429	37.822	ng/ul	100
87) Chrysene	21.189	228	2894828	32.535	ng/ul	100
89) Di-n-octyl phthalate	21.900	149	3479665	39.491	ng/ul	100
90) Benzo(b)fluoranthene	22.659	252	3234887	34.367	ng/ul	99
91) Benzo(k)fluoranthene	22.700	252	2813228	32.952	ng/ul	99
93) Benzo(a)pyrene	23.206	252	2995822	33.641	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.424	276	3110551	31.600	ng/ul	99
95) Dibenzo(a,h)anthracene	25.430	278	2704336	32.018	ng/ul	100
96) Benzo(g,h,i)perylene	26.077	276	2630973	30.543	ng/ul	100

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

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