Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
Data File : BM032475.D
Acq On : 13 Oct 2021 02:11
Operator : CG/JU
Sample : PB139820BS
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS820

Quant Time: Oct 13 04:30:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 12 09:54:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	237823	20.00	ng/ul	0.00
20) Naphthalene-d8	10.395	136	1055330	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.254	164	689824	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.983	188	1421578	20.00	ng/ul	0.00
79) Chrysene-d12	21.148	240	1345211	20.00	ng/ul	0.00
88) Perylene-d12	23.289	264	1353369	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	35245	5.94	ng/uL	0.00
4) Pyridine-d5	3.384	84	500969	29.90	ng/ul	0.00
7) Phenol-d5	6.801	99	678894	33.57	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.937	67	383632	33.04	ng/ul	0.00
11) 2-Chlorophenol-d4	7.148	132	533184	34.53	ng/ul	0.00
15) 4-Methylphenol-d8	8.342	113	570736	34.94	ng/ul	0.00
21) Nitrobenzene-d5	8.760	128	277040	37.21	ng/ul	0.00
24) 2-Nitrophenol-d4	9.484	143	308555	38.44	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.031	165	568553	35.58	ng/ul	0.00
31) 4-Chloroaniline-d4	10.531	131	717983	30.47	ng/ul	0.00
46) Dimethylphthalate-d6	13.660	166	1715023	35.92	ng/ul	0.00
49) Acenaphthylene-d8	13.948	160	2114220	36.45	ng/ul	0.00
54) 4-Nitrophenol-d4	14.472	143	331697	35.38	ng/ul	0.00
60) Fluorene-d10	15.242	176	1455061	35.94	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.366	200	298713	36.87	ng/ul	0.00
73) Anthracene-d10	17.083	188	2229279	36.03	ng/ul	0.00
81) Pyrene-d10	19.365	212	2509373	37.08	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.153	264	2323612	34.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.990	88	73057	11.32	ng/uL	96
5) Pyridine	3.402	79	509104	30.72	ng/ul	97
6) Benzaldehyde	6.737	77	417294	43.83	ng/ul	98
8) Phenol	6.825	94	707278	34.52	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.031	93	541091	33.57	ng/ul	99
12) 2-Chlorophenol	7.178	128	561245	35.18	ng/ul	99
13) 2-Methylphenol	8.072	108	549704	34.99	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.143	45	667844	33.45	ng/ul	99
16) Acetophenone	8.425	105	870209	36.37	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.419	70	438402	37.11	ng/ul	97
18) 4-Methylphenol	8.401	108	604296	36.70	ng/ul	98
19) Hexachloroethane	8.690	117	223766	35.26	ng/ul	100
22) Nitrobenzene	8.801	77	626782	35.45	ng/ul	98
23) Isophorone	9.325	82	1263052	37.03	ng/ul	99
25) 2-Nitrophenol	9.519	139	331652	37.82	ng/ul	97
26) 2,4-Dimethylphenol	9.589	107	672508	35.86	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.807	93	779088	34.44	ng/ul	99
29) 2,4-Dichlorophenol	10.054	162	571624	36.34	ng/ul	99
30) Naphthalene	10.448	128	1856991	34.33	ng/ul	99
32) 4-Chloroaniline	10.554	127	713422	30.15	ng/ul	98
33) Hexachlorobutadiene	10.748	225	348666	34.36	ng/ul	98
34) Caprolactam	11.307	113	195456	34.47	ng/ul	97
35) 4-Chloro-3-methylphenol	11.701	107	643184	37.16	ng/ul	99
36) 2-Methylnaphthalene	12.060	142	1304743	35.47	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.283	142	1308413	34.93	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.448	216	674047	35.44	ng/ul	98
40)	Hexachlorocyclopentadiene	12.436	237	381624	34.43	ng/ul	100
41)	2,4,6-Trichlorophenol	12.689	196	467340	38.36	ng/ul	98
42)	2,4,5-Trichlorophenol	12.760	196	506608	37.90	ng/ul	99
43)	1,1'-Biphenyl	13.083	154	1753128	35.45	ng/ul	100
44)	2-Chloronaphthalene	13.125	162	1334995	35.42	ng/ul	99
45)	2-Nitroaniline	13.330	65	396196	39.36	ng/ul	93
47)	Dimethylphthalate	13.707	163	1713271	35.83	ng/ul	100
48)	2,6-Dinitrotoluene	13.825	165	356700	40.03	ng/ul	95
50)	Acenaphthylene	13.977	152	2221285	36.20	ng/ul	99
51)	3-Nitroaniline	14.154	138	351395	37.73	ng/ul	99
52)	Acenaphthene	14.319	153	1451436	35.82	ng/ul	100
53)	2,4-Dinitrophenol	14.360	184	200647	35.01	ng/ul	98
55)	4-Nitrophenol	14.483	109	267725	35.38	ng/ul	96
56)	Dibenzofuran	14.654	168	2063265	35.14	ng/ul	99
57)	2,4-Dinitrotoluene	14.613	165	517494	39.29	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	14.889	232	426055	39.25	ng/ul	97
59)	Diethylphthalate	15.077	149	1713252	35.92	ng/ul	100
61)	Fluorene	15.301	166	1591513	35.27	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.289	204	795622	34.91	ng/ul	99
63)	4-Nitroaniline	15.319	138	396814	46.09	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.383	198	296968	37.29	ng/ul#	95
67)	N-Nitrosodiphenylamine	15.507	169	1441157	36.34	ng/ul	99
68)	4-Bromophenyl-phenylether	16.177	248	495277	36.15	ng/ul	99
69)	Hexachlorobenzene	16.313	284	561392	35.57	ng/ul	98
70)	Atrazine	16.454	200	536584	35.80	ng/ul	98
71)	Pentachlorophenol	16.648	266	359115	37.75	ng/ul	99
72)	Phenanthrene	17.024	178	2616531	35.66	ng/ul	99
74)	Anthracene	17.118	178	2634965	35.75	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.054	216	684579	34.30	ng/uL	100
76)	Pentachlorobenzene	14.589	250	677218	34.16	ng/uL	100
77)	Carbazole	17.383	167	2459130	37.41	ng/ul	100
78)	Di-n-butylphthalate	17.936	149	2873936	37.84	ng/ul	100
80)	Fluoranthene	19.036	202	3046694	36.49	ng/ul	100
82)	Pyrene	19.401	202	3102581	36.17	ng/ul	99
83)	Butylbenzylphthalate	20.283	149	1292725	39.72	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.065	252	880848	36.11	ng/ul	99
85)	Benzo(a)anthracene	21.136	228	2885892	35.58	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.053	149	1792051	39.60	ng/ul	100
87)	Chrysene	21.183	228	2845389	35.62	ng/ul	99
89)	Di-n-octyl phthalate	21.900	149	3229830	41.90	ng/ul	100
90)	Benzo(b)fluoranthene	22.653	252	3092202	37.55	ng/ul	99
91)	Benzo(k)fluoranthene	22.695	252	2688750	36.00	ng/ul	100
93)	Benzo(a)pyrene	23.200	252	2844034	36.51	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	25.412	276	2871066	33.34	ng/ul	99
95)	Dibenzo(a,h)anthracene	25.418	278	2491467	33.72	ng/ul	100
96)	Benzo(g,h,i)perylene	26.065	276	2450991	32.53	ng/ul	100

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

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