Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120920\
Data File : BM028093.D
Acq On : 09 Dec 2020 10:30
Operator : JU/CG
Sample : PB133433BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS433

Quant Time: Dec 09 11:01:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 10:40:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	152367	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	633809	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.90	164	365964	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	731171	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	682539	20.00	ng/ul	0.00
88) Perylene-d12	24.13	264	680918	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	25241	6.33	ng/uL	0.00
4) Pyridine-d5	3.92	84	346492	31.79	ng/ul	0.00
7) Phenol-d5	7.41	99	430209	33.08	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	269625	32.63	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	365762	33.78	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	346540	32.65	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	173738	33.97	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	181848	34.53	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.72	165	350144	33.84	ng/ul	0.00
31) 4-Chloroaniline-d4	11.24	131	424940	29.43	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	952685	32.74	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	1163409	32.91	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	177601	32.40	ng/ul	0.00
60) Fluorene-d10	15.88	176	817042	32.28	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	144221	32.29	ng/ul	0.00
73) Anthracene-d10	17.72	188	1204448	33.09	ng/ul	0.00
81) Pyrene-d10	19.97	212	1274162	34.38	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.97	264	1284303	34.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	48637	11.651	ng/uL	96
5) Pyridine	3.95	79	335500	30.700	ng/ul	96
6) Benzaldehyde	7.40	77	293143	57.724	ng/ul	97
8) Phenol	7.44	94	420985	32.110	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.68	93	353627	31.639	ng/ul	99
12) 2-Chlorophenol	7.83	128	360098	32.113	ng/ul	99
13) 2-Methylphenol	8.72	108	320845	31.797	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.81	45	586680	31.690	ng/ul	99
16) Acetophenone	9.12	105	511803	31.763	ng/ul	100
17) N-Nitroso-di-n-propylamine	9.10	70	255422	32.471	ng/ul	97
18) 4-Methylphenol	9.05	108	345349	31.645	ng/ul	98
19) Hexachloroethane	9.38	117	155084	32.253	ng/ul	98
22) Nitrobenzene	9.50	77	400408	32.252	ng/ul	98
23) Isophorone	10.03	82	702375	31.943	ng/ul	97
25) 2-Nitrophenol	10.22	139	194165	33.269	ng/ul	97
26) 2,4-Dimethylphenol	10.26	107	377403	32.017	ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.50	93	470006	31.576	ng/ul	99
29) 2,4-Dichlorophenol	10.75	162	324935	31.892	ng/ul	98
30) Naphthalene	11.16	128	1153550	31.505	ng/ul	99
32) 4-Chloroaniline	11.26	127	370456	26.372	ng/ul	100
33) Hexachlorobutadiene	11.45	225	212849	32.056	ng/ul	98
34) Caprolactam	12.03	113	98541	30.820	ng/ul	89

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35) 4-Chloro-3-methylphenol	12.36	107	337893	32.256	ng/ul	98
36) 2-Methylnaphthalene	12.75	142	787645	31.649	ng/ul	99
37) 1-Methylnaphthalene	12.97	142	759448	31.729	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	391705	31.727	ng/ul	99
40) Hexachlorocyclopentadiene	13.09	237	224931	31.076	ng/ul	100
41) 2,4,6-Trichlorophenol	13.34	196	246623	32.530	ng/ul	98
42) 2,4,5-Trichlorophenol	13.42	196	265631	32.429	ng/ul	99
43) 1,1'-Biphenyl	13.74	154	993589	31.333	ng/ul	98
44) 2-Chloronaphthalene	13.79	162	777394	31.313	ng/ul	99
45) 2-Nitroaniline	13.98	65	217959	33.477	ng/ul	98
47) Dimethylphthalate	14.34	163	934234	31.161	ng/ul	100
48) 2,6-Dinitrotoluene	14.47	165	191786	33.361	ng/ul	94
50) Acenaphthylene	14.63	152	1169837	31.983	ng/ul	99
51) 3-Nitroaniline	14.79	138	176919	32.873	ng/ul	98
52) Acenaphthene	14.96	153	829822	31.461	ng/ul	100
53) 2,4-Dinitrophenol	15.00	184	96019	29.041	ng/ul	93
55) 4-Nitrophenol	15.08	109	128594	31.731	ng/ul	95
56) Dibenzofuran	15.29	168	1129761	31.442	ng/ul	97
57) 2,4-Dinitrotoluene	15.24	165	272426	33.735	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.51	232	222601	32.136	ng/ul	96
59) Diethylphthalate	15.69	149	957982	31.343	ng/ul	100
61) Fluorene	15.94	166	937087	31.332	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.92	204	458358	31.097	ng/ul	99
63) 4-Nitroaniline	15.94	138	206836	46.530	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	16.00	198	151573	31.224	ng/ul	98
67) N-Nitrosodiphenylamine	16.13	169	784121	32.590	ng/ul	100
68) 4-Bromophenyl-phenylether	16.81	248	277300	32.244	ng/ul	98
69) Hexachlorobenzene	16.93	284	316592	32.283	ng/ul	97
70) Atrazine	17.06	200	274650	31.820	ng/ul	100
71) Pentachlorophenol	17.26	266	174226	30.767	ng/ul	98
72) Phenanthrene	17.66	178	1430520	31.714	ng/ul	99
74) Anthracene	17.75	178	1472793	32.035	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	395153	33.645	ng/uL	99
76) Pentachlorobenzene	15.22	250	376840	32.291	ng/uL	96
77) Carbazole	18.02	167	1255351	32.156	ng/ul	99
78) Di-n-butylphthalate	18.55	149	1611649	31.712	ng/ul	100
80) Fluoranthene	19.64	202	1593518	33.033	ng/ul	98
82) Pyrene	20.00	202	1639614	32.812	ng/ul	99
83) Butylbenzylphthalate	20.86	149	690901	32.907	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.63	252	487549	31.640	ng/ul	99
85) Benzo(a)anthracene	21.71	228	1492062	32.099	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.61	149	1046381	32.548	ng/ul	99
87) Chrysene	21.77	228	1471534	32.288	ng/ul	100
89) Di-n-octyl phthalate	22.53	149	1767578	32.412	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	1512127	32.286	ng/ul	99
91) Benzo(k)fluoranthene	23.44	252	1485783	32.823	ng/ul	99
93) Benzo(a)pyrene	24.03	252	1373973	32.787	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.61	276	1640195	32.852	ng/ul	99
95) Dibenzo(a,h)anthracene	26.62	278	1383773	32.592	ng/ul	100
96) Benzo(g,h,i)perylene	27.37	276	1380518	32.969	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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