Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121020\
Data File : BM028099.D
Acq On : 10 Dec 2020 10:32
Operator : JU/CG
Sample : PB133445BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS445

Quant Time: Dec 10 11:23:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 10:24:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	149523	20.00	ng/ul	0.00
20) Naphthalene-d8	11.11	136	621745	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.90	164	368660	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	768959	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	739981	20.00	ng/ul	0.00
88) Perylene-d12	24.13	264	747688	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	22788	5.82	ng/uL	0.00
4) Pyridine-d5	3.92	84	319702	29.89	ng/ul	0.00
7) Phenol-d5	7.41	99	396625	31.08	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	250388	30.87	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	335520	31.57	ng/ul	0.00
15) 4-Methylphenol-d8	8.98	113	320713	30.79	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	158409	31.58	ng/ul	0.00
24) 2-Nitrophenol-d4	10.18	143	167281	32.38	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.72	165	325642	32.08	ng/ul	0.00
31) 4-Chloroaniline-d4	11.24	131	397494	28.07	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	938585	32.02	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	1120738	31.47	ng/ul	0.00
54) 4-Nitrophenol-d4	15.06	143	181912	32.94	ng/ul	0.00
60) Fluorene-d10	15.88	176	809135	31.73	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	149980	31.93	ng/ul	0.00
73) Anthracene-d10	17.72	188	1219440	31.86	ng/ul	0.00
81) Pyrene-d10	19.97	212	1301044	32.38	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.97	264	1331913	32.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	44854	10.949	ng/uL	95
5) Pyridine	3.94	79	308525	28.768	ng/ul	99
6) Benzaldehyde	7.40	77	265168	53.208	ng/ul	98
8) Phenol	7.44	94	385595	29.970	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.68	93	323106	29.458	ng/ul	97
12) 2-Chlorophenol	7.83	128	330288	30.015	ng/ul	100
13) 2-Methylphenol	8.72	108	294421	29.733	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.81	45	542470	29.859	ng/ul	100
16) Acetophenone	9.11	105	471133	29.795	ng/ul	98
17) N-Nitroso-di-n-propylamine	9.09	70	237622	30.782	ng/ul	97
18) 4-Methylphenol	9.05	108	315411	29.451	ng/ul	99
19) Hexachloroethane	9.38	117	141960	30.085	ng/ul	98
22) Nitrobenzene	9.50	77	367112	30.144	ng/ul	98
23) Isophorone	10.03	82	653048	30.276	ng/ul	96
25) 2-Nitrophenol	10.22	139	177200	30.951	ng/ul	98
26) 2,4-Dimethylphenol	10.26	107	343303	29.689	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.50	93	435010	29.792	ng/ul	100
29) 2,4-Dichlorophenol	10.75	162	304288	30.445	ng/ul	99
30) Naphthalene	11.16	128	1067147	29.710	ng/ul	99
32) 4-Chloroaniline	11.26	127	369960	26.848	ng/ul	100
33) Hexachlorobutadiene	11.44	225	195313	29.986	ng/ul	98
34) Caprolactam	12.03	113	97136	30.970	ng/ul	94

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35) 4-Chloro-3-methylphenol	12.36	107	321550	31.292	ng/ul	97
36) 2-Methylnaphthalene	12.75	142	736716	30.177	ng/ul	98
37) 1-Methylnaphthalene	12.97	142	709336	30.211	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	367290	29.532	ng/ul	99
40) Hexachlorocyclopentadiene	13.09	237	202843	27.820	ng/ul	99
41) 2,4,6-Trichlorophenol	13.35	196	235552	30.843	ng/ul	100
42) 2,4,5-Trichlorophenol	13.41	196	255016	30.905	ng/ul	99
43) 1,1'-Biphenyl	13.74	154	948800	29.701	ng/ul	99
44) 2-Chloronaphthalene	13.79	162	742072	29.672	ng/ul	99
45) 2-Nitroaniline	13.98	65	209882	32.000	ng/ul	99
47) Dimethylphthalate	14.35	163	922153	30.533	ng/ul	100
48) 2,6-Dinitrotoluene	14.47	165	189094	32.652	ng/ul	94
50) Acenaphthylene	14.63	152	1121600	30.440	ng/ul	100
51) 3-Nitroaniline	14.79	138	174023	32.098	ng/ul	97
52) Acenaphthene	14.96	153	803695	30.247	ng/ul	99
53) 2,4-Dinitrophenol	15.00	184	98994	29.722	ng/ul	96
55) 4-Nitrophenol	15.08	109	127087	31.130	ng/ul	97
56) Dibenzofuran	15.29	168	1096636	30.297	ng/ul	97
57) 2,4-Dinitrotoluene	15.25	165	271805	33.412	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.51	232	222162	31.838	ng/ul	96
59) Diethylphthalate	15.69	149	960196	31.186	ng/ul	100
61) Fluorene	15.93	166	923884	30.665	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.92	204	453166	30.519	ng/ul	100
63) 4-Nitroaniline	15.95	138	204566	45.683	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	16.00	198	154352	30.233	ng/ul	97
67) N-Nitrosodiphenylamine	16.13	169	773331	30.563	ng/ul	99
68) 4-Bromophenyl-phenylether	16.81	248	276516	30.573	ng/ul	96
69) Hexachlorobenzene	16.93	284	315178	30.560	ng/ul	99
70) Atrazine	17.06	200	280945	30.950	ng/ul	99
71) Pentachlorophenol	17.26	266	181109	30.411	ng/ul	99
72) Phenanthrene	17.66	178	1434397	30.237	ng/ul	99
74) Anthracene	17.75	178	1481731	30.645	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.71	216	374630	30.330	ng/uL	99
76) Pentachlorobenzene	15.22	250	366526	29.864	ng/uL	97
77) Carbazole	18.01	167	1276584	31.093	ng/ul	99
78) Di-n-butylphthalate	18.54	149	1663198	31.118	ng/ul	100
80) Fluoranthene	19.64	202	1641437	31.385	ng/ul	100
82) Pyrene	20.00	202	1687504	31.148	ng/ul	99
83) Butylbenzylphthalate	20.86	149	717275	31.512	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.63	252	505024	30.230	ng/ul	99
85) Benzo(a)anthracene	21.71	228	1562272	31.001	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.61	149	1085109	31.133	ng/ul	98
87) Chrysene	21.76	228	1523169	30.827	ng/ul	99
89) Di-n-octyl phthalate	22.53	149	1849124	30.880	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	1575213	30.629	ng/ul	99
91) Benzo(k)fluoranthene	23.44	252	1520183	30.584	ng/ul	99
93) Benzo(a)pyrene	24.02	252	1430590	31.089	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.60	276	1691906	30.861	ng/ul	99
95) Dibenzo(a,h)anthracene	26.62	278	1436853	30.820	ng/ul	99
96) Benzo(g,h,i)perylene	27.37	276	1422090	30.929	ng/ul	98

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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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