Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122920\
Data File : BM028278.D
Acq On : 29 Dec 2020 12:19
Operator : JU/CG
Sample : PB133821BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS821

Quant Time: Dec 29 12:49:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 29 11:38:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	92408	20.00	ng/ul	0.00
20) Naphthalene-d8	11.01	136	368591	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.81	164	209379	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.53	188	418518	20.00	ng/ul	0.00
79) Chrysene-d12	21.65	240	418213	20.00	ng/ul	0.00
88) Perylene-d12	24.00	264	414254	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	13998	5.79	ng/uL	0.00
4) Pyridine-d5	3.85	84	195301	29.55	ng/ul	0.00
7) Phenol-d5	7.32	99	243587	30.88	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.50	67	148962	29.72	ng/ul	0.00
11) 2-Chlorophenol-d4	7.70	132	206069	31.38	ng/ul	0.00
15) 4-Methylphenol-d8	8.89	113	191970	29.82	ng/ul	0.00
21) Nitrobenzene-d5	9.36	128	94688	31.84	ng/ul	0.00
24) 2-Nitrophenol-d4	10.09	143	102792	33.56	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.62	165	190600	31.67	ng/ul	0.00
31) 4-Chloroaniline-d4	11.14	131	248305	29.58	ng/ul	0.00
46) Dimethylphthalate-d6	14.21	166	517303	31.07	ng/ul	0.00
49) Acenaphthylene-d8	14.51	160	630068	31.15	ng/ul	0.00
54) 4-Nitrophenol-d4	14.99	143	100111	31.92	ng/ul	0.00
60) Fluorene-d10	15.79	176	441977	30.52	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.91	200	84667	33.11	ng/ul	0.00
73) Anthracene-d10	17.63	188	665663	31.95	ng/ul	0.00
81) Pyrene-d10	19.89	212	715992	31.53	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.86	264	757176	33.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	27610	10.905	ng/uL	99
5) Pyridine	3.87	79	187604	28.305	ng/ul	99
6) Benzaldehyde	7.30	77	159242	51.703	ng/ul	97
8) Phenol	7.35	94	235175	29.577	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.59	93	192409	28.384	ng/ul	97
12) 2-Chlorophenol	7.74	128	200122	29.427	ng/ul	98
13) 2-Methylphenol	8.62	108	177260	28.966	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.72	45	315619	28.110	ng/ul	99
16) Acetophenone	9.02	105	278155	28.463	ng/ul	98
17) N-Nitroso-di-n-propylamine	9.00	70	139322	29.203	ng/ul	98
18) 4-Methylphenol	8.96	108	190993	28.857	ng/ul	99
19) Hexachloroethane	9.28	117	85914	29.461	ng/ul	99
22) Nitrobenzene	9.40	77	218334	30.241	ng/ul	99
23) Isophorone	9.93	82	382114	29.882	ng/ul	98
25) 2-Nitrophenol	10.12	139	106379	31.343	ng/ul	99
26) 2,4-Dimethylphenol	10.16	107	201019	29.324	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.40	93	247683	28.613	ng/ul	100
29) 2,4-Dichlorophenol	10.65	162	177182	29.903	ng/ul	99
30) Naphthalene	11.06	128	628477	29.515	ng/ul	100
32) 4-Chloroaniline	11.16	127	231720	28.365	ng/ul	100
33) Hexachlorobutadiene	11.34	225	114848	29.743	ng/ul	97
34) Caprolactam	11.94	113	55572	29.887	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.27	107	184345	30.261 ng/ul	98
36) 2-Methylnaphthalene	12.66	142	421840	29.147 ng/ul	98
37) 1-Methylnaphthalene	12.87	142	409217	29.399 ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	13.02	216	210431	29.791 ng/ul	99
40) Hexachlorocyclopentadiene	12.99	237	108835	26.282 ng/ul	97
41) 2,4,6-Trichlorophenol	13.25	196	134673	31.048 ng/ul	99
42) 2,4,5-Trichlorophenol	13.32	196	144988	30.938 ng/ul	99
43) 1,1'-Biphenyl	13.65	154	533683	29.416 ng/ul	99
44) 2-Chloronaphthalene	13.70	162	419860	29.559 ng/ul	99
45) 2-Nitroaniline	13.89	65	120258	32.284 ng/ul	99
47) Dimethylphthalate	14.26	163	503692	29.365 ng/ul	99
48) 2,6-Dinitrotoluene	14.38	165	104771	31.855 ng/ul	96
50) Acenaphthylene	14.54	152	635075	30.348 ng/ul	100
51) 3-Nitroaniline	14.71	138	104517	33.943 ng/ul	98
52) Acenaphthene	14.87	153	447892	29.680 ng/ul	99
53) 2,4-Dinitrophenol	14.92	184	57361	30.324 ng/ul	93
55) 4-Nitrophenol	15.00	109	69723	30.071 ng/ul	96
56) Dibenzofuran	15.20	168	605825	29.470 ng/ul	97
57) 2,4-Dinitrotoluene	15.16	165	147620	31.951 ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.43	232	122513	30.914 ng/ul	99
59) Diethylphthalate	15.61	149	515519	29.481 ng/ul	100
61) Fluorene	15.85	166	513589	30.015 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.84	204	246896	29.277 ng/ul	98
63) 4-Nitroaniline	15.86	138	117884	46.352 ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.92	198	88696	31.920 ng/ul	99
67) N-Nitrosodiphenylamine	16.04	169	422146	30.653 ng/ul	99
68) 4-Bromophenyl-phenylether	16.72	248	149287	30.327 ng/ul	96
69) Hexachlorobenzene	16.84	284	172676	30.762 ng/ul	96
70) Atrazine	16.98	200	150459	30.454 ng/ul	100
71) Pentachlorophenol	17.18	266	98351	30.343 ng/ul	98
72) Phenanthrene	17.57	178	788042	30.522 ng/ul	100
74) Anthracene	17.67	178	810860	30.813 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.62	216	213063	31.693 ng/uL	99
76) Pentachlorobenzene	15.13	250	204479	30.611 ng/uL	98
77) Carbazole	17.93	167	702196	31.424 ng/ul	100
78) Di-n-butylphthalate	18.47	149	868380	29.852 ng/ul	99
80) Fluoranthene	19.56	202	896968	30.346 ng/ul	99
82) Pyrene	19.92	202	931192	30.413 ng/ul	99
83) Butylbenzylphthalate	20.78	149	387167	30.096 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.56	252	305720	32.379 ng/ul	98
85) Benzo(a)anthracene	21.63	228	865424	30.386 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.54	149	581188	29.504 ng/ul	99
87) Chrysene	21.69	228	847056	30.333 ng/ul	100
89) Di-n-octyl phthalate	22.44	149	989045	29.811 ng/ul	100
90) Benzo(b)fluoranthene	23.29	252	879500	30.867 ng/ul	98
91) Benzo(k)fluoranthene	23.34	252	857150	31.125 ng/ul	99
93) Benzo(a)pyrene	23.90	252	803849	31.530 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.43	276	974821	32.093 ng/ul	98
95) Dibenzo(a,h)anthracene	26.44	278	821046	31.786 ng/ul	99
96) Benzo(g,h,i)perylene	27.17	276	818081	32.114 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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