Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027397.D
Acq On : 11 Sep 2020 10:28
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02017

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Quant Time: Sep 11 11:12:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 11 10:31:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	117518	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	496945	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	400900	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	997006	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	1122060	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	963439	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	26145	9.90	ng/uL	0.00
5) Phenol-d5	6.75	99	198119	20.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	133235	20.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	154482	21.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	161606	20.46	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	80065	21.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	88429	21.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	191184	21.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	218113	20.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	637014	19.97	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	757883	21.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	106274	18.92	ng/ul	0.00
58) Fluorene-d10	15.20	176	599863	21.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	114653	17.97	ng/ul	0.00
71) Anthracene-d10	17.05	188	995401	21.11	ng/ul	0.00
79) Pyrene-d10	19.35	212	1159216	23.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	1061628	20.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	27796	8.793	ng/uL	93
4) Benzaldehyde	6.72	77	146169	20.934	ng/ul	99
6) Phenol	6.77	94	219205	21.293	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.00	93	171918	20.792	ng/ul	98
10) 2-Chlorophenol	7.13	128	165019	22.306	ng/ul	98
11) 2-Methylphenol	8.01	108	158404	20.847	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.10	45	130249	20.890	ng/ul	98
14) Acetophenone	8.38	105	289210	21.812	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.37	70	171553	22.612	ng/ul	98
16) 4-Methylphenol	8.33	108	172887	20.845	ng/ul	100
17) Hexachloroethane	8.63	117	82051	22.292	ng/ul	96
20) Nitrobenzene	8.75	77	257372	21.065	ng/ul	99
21) Isophorone	9.28	82	433373	20.899	ng/ul	99
23) 2-Nitrophenol	9.46	139	100876	22.648	ng/ul	99
24) 2,4-Dimethylphenol	9.53	107	224052	21.968	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.76	93	246179	20.898	ng/ul	97
27) 2,4-Dichlorophenol	9.99	162	192321	21.877	ng/ul	98
28) Naphthalene	10.38	128	550240	20.839	ng/ul	99
30) 4-Chloroaniline	10.49	127	226156	21.500	ng/ul	100
31) Hexachlorobutadiene	10.68	225	151068	21.787	ng/ul	98
32) Caprolactam	11.26	113	51272m	18.394	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	205773	21.976	ng/ul	98
34) 2-Methylnaphthalene	12.00	142	442176	22.150	ng/ul	96

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	411905	20.734	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	288804	21.431	ng/ul	98
38) Hexachlorocyclopentadiene	12.37	237	168493	19.108	ng/ul	97
39) 2,4,6-Trichlorophenol	12.63	196	179111	21.855	ng/ul	98
40) 2,4,5-Trichlorophenol	12.70	196	196902	22.245	ng/ul	100
41) 1,1'-Biphenyl	13.03	154	627191	20.801	ng/ul	99
42) 2-Chloronaphthalene	13.07	162	507306	20.675	ng/ul	99
43) 2-Nitroaniline	13.27	65	158176	21.954	ng/ul	96
45) Dimethylphthalate	13.67	163	662781	19.715	ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	135344	21.114	ng/ul	99
48) Acenaphthylene	13.92	152	765508	21.043	ng/ul	98
49) 3-Nitroaniline	14.11	138	119471	20.924	ng/ul	98
50) Acenaphthene	14.27	153	548900	21.010	ng/ul	97
51) 2,4-Dinitrophenol	14.32	184	66247	16.523	ng/ul	96
53) 4-Nitrophenol	14.43	109	121238	20.708	ng/ul	98
54) Dibenzofuran	14.61	168	827617	21.185	ng/ul	100
55) 2,4-Dinitrotoluene	14.58	165	210510	21.305	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.84	232	192044	21.892	ng/ul	99
57) Diethylphthalate	15.05	149	714937	20.395	ng/ul	99
59) Fluorene	15.26	166	701563	20.895	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.26	204	382060	20.792	ng/ul	98
61) 4-Nitroaniline	15.28	138	135807	20.492	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.34	198	120407	17.431	ng/ul#	98
65) N-Nitrosodiphenylamine	15.47	169	609887	21.693	ng/ul	99
66) 4-Bromophenyl-phenylether	16.15	248	251402	21.782	ng/ul	99
67) Hexachlorobenzene	16.27	284	294991	21.113	ng/ul	98
68) Atrazine	16.43	200	239308	19.648	ng/ul	99
69) Pentachlorophenol	16.61	266	167316	19.513	ng/ul	98
70) Phenanthrene	16.99	178	1189213	20.828	ng/ul	99
72) Anthracene	17.09	178	1220289	20.978	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	289030	22.024	ng/uL	99
74) Pentachlorobenzene	14.53	250	306294	21.164	ng/uL	99
75) Carbazole	17.36	167	1047373	21.272	ng/ul	99
76) Di-n-butylphthalate	17.94	149	1316099	21.523	ng/ul	99
77) Fluoranthene	19.02	202	1487163	21.138	ng/ul	98
80) Pyrene	19.38	202	1565961	23.070	ng/ul	97
81) Butylbenzylphthalate	20.30	149	611586	23.540	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.08	252	498922	20.247	ng/ul	99
83) Benzo(a)anthracene	21.14	228	1564204	21.515	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	952699	23.537	ng/ul	100
85) Chrysene	21.19	228	1488438	20.720	ng/ul	100
87) Di-n-octyl phthalate	21.96	149	1579945	26.408	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	1362115	21.414	ng/ul	99
89) Benzo(k)fluoranthene	22.72	252	1401112	21.971	ng/ul	100
91) Benzo(a)pyrene	23.23	252	1150018	19.378	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.48	276	1225909	15.735	ng/ul	99
93) Dibenzo(a,h)anthracene	25.49	278	1043029	15.828	ng/ul	99
94) Benzo(g,h,i)perylene	26.13	276	983975	15.111	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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