Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111920\
Data File : BM027838.D
Acq On : 19 Nov 2020 11:23
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02008

Quant Time: Nov 19 12:03:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 12:03:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	47900	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	204299	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.95	164	131315	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.67	188	279788	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	222808	20.00	ng/ul	0.00
86) Perylene-d12	24.19	264	179391	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	8636	6.89	ng/uL	0.00
5) Phenol-d5	7.46	99	87684	19.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.64	67	57376	20.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.85	132	64935	19.21	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	70442	19.95	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	31960	18.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	35582	19.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	69113	18.97	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	82285	21.07	ng/ul	0.00
44) Dimethylphthalate-d6	14.34	166	209598	20.12	ng/ul	0.00
47) Acenaphthylene-d8	14.65	160	252231	19.22	ng/ul	0.00
52) 4-Nitrophenol-d4	15.11	143	37314	20.17	ng/ul	0.00
58) Fluorene-d10	15.93	176	179128	19.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.03	200	33073	19.45	ng/ul	0.00
71) Anthracene-d10	17.76	188	268073	18.99	ng/ul	0.00
79) Pyrene-d10	20.02	212	277524	20.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.04	264	192597	19.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	9259	6.815	ng/uL	94
4) Benzaldehyde	7.45	77	53659	19.810	ng/ul	97
6) Phenol	7.49	94	88832	19.510	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.73	93	72300	20.282	ng/ul	99
10) 2-Chlorophenol	7.89	128	66101	19.592	ng/ul	97
11) 2-Methylphenol	8.77	108	66714	19.789	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.87	45	117039	21.347	ng/ul	97
14) Acetophenone	9.16	105	113613	20.308	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.15	70	63064	21.465	ng/ul	95
16) 4-Methylphenol	9.10	108	72000	20.067	ng/ul	100
17) Hexachloroethane	9.44	117	31520	19.813	ng/ul	97
20) Nitrobenzene	9.55	77	96941	18.976	ng/ul	96
21) Isophorone	10.08	82	175355	20.758	ng/ul	97
23) 2-Nitrophenol	10.27	139	37731	19.811	ng/ul	90
24) 2,4-Dimethylphenol	10.32	107	87312	19.099	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.56	93	100826	20.227	ng/ul	99
27) 2,4-Dichlorophenol	10.80	162	66978	19.518	ng/ul	97
28) Naphthalene	11.22	128	218422	18.989	ng/ul	99
30) 4-Chloroaniline	11.32	127	79895	21.407	ng/ul	100
31) Hexachlorobutadiene	11.50	225	47932	18.587	ng/ul	97
32) Caprolactam	12.08	113	22657	22.085	ng/ul	91
33) 4-Chloro-3-methylphenol	12.41	107	80612	20.379	ng/ul	96
34) 2-Methylnaphthalene	12.80	142	154654	19.699	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.02	142	181135	19.771	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	13.17	216	84120	17.512	ng/ul	97
38) Hexachlorocyclopentadiene	13.15	237	54753	16.990	ng/ul	100
39) 2,4,6-Trichlorophenol	13.39	196	55009	18.602	ng/ul	98
40) 2,4,5-Trichlorophenol	13.46	196	60708	18.976	ng/ul	96
41) 1,1'-Biphenyl	13.79	154	207380	18.750	ng/ul	100
42) 2-Chloronaphthalene	13.84	162	163418	18.293	ng/ul	99
43) 2-Nitroaniline	14.03	65	59337	19.968	ng/ul	92
45) Dimethylphthalate	14.39	163	210790	19.818	ng/ul	98
46) 2,6-Dinitrotoluene	14.52	165	43392	21.447	ng/ul	93
48) Acenaphthylene	14.68	152	243708	19.134	ng/ul	100
49) 3-Nitroaniline	14.84	138	36246	20.106	ng/ul	87
50) Acenaphthene	15.02	153	170805	18.850	ng/ul	99
51) 2,4-Dinitrophenol	15.04	184	23174	19.620	ng/ul	90
53) 4-Nitrophenol	15.13	109	40093	18.318	ng/ul	99
54) Dibenzofuran	15.34	168	236702	18.919	ng/ul	97
55) 2,4-Dinitrotoluene	15.29	165	62058	21.387	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.56	232	52036	20.456	ng/ul	97
57) Diethylphthalate	15.73	149	220908	21.269	ng/ul	98
59) Fluorene	15.99	166	199118	19.574	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.97	204	102029	19.446	ng/ul	96
61) 4-Nitroaniline	15.99	138	39811	19.764	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	16.04	198	34923	19.672	ng/ul	95
65) N-Nitrosodiphenylamine	16.17	169	166714	18.887	ng/ul	99
66) 4-Bromophenyl-phenylether	16.86	248	60468	19.177	ng/ul	95
67) Hexachlorobenzene	16.98	284	67089	18.439	ng/ul	96
68) Atrazine	17.10	200	64091	20.134	ng/ul	98
69) Pentachlorophenol	17.31	266	40057	18.902	ng/ul	96
70) Phenanthrene	17.71	178	315827	19.158	ng/ul	99
72) Anthracene	17.80	178	320929	19.143	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.76	216	84702	17.065	ng/uL	97
74) Pentachlorobenzene	15.26	250	79570	17.720	ng/uL	97
75) Carbazole	18.06	167	270132	19.204	ng/ul	99
76) Di-n-butylphthalate	18.59	149	368239	22.125	ng/ul	99
77) Fluoranthene	19.69	202	357678	19.594	ng/ul	98
80) Pyrene	20.04	202	361372	20.221	ng/ul	98
81) Butylbenzylphthalate	20.90	149	155601	22.739	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.67	252	87185	20.230	ng/ul	98
83) Benzo(a)anthracene	21.76	228	299203	18.954	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	210258	23.329	ng/ul	98
85) Chrysene	21.81	228	288386	18.857	ng/ul	99
87) Di-n-octyl phthalate	22.58	149	324150	24.133	ng/ul	100
88) Benzo(b)fluoranthene	23.46	252	249472	19.745	ng/ul	97
89) Benzo(k)fluoranthene	23.50	252	239024	19.633	ng/ul	99
91) Benzo(a)pyrene	24.09	252	212882	19.017	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.70	276	216425	16.696	ng/ul	99
93) Dibenzo(a,h)anthracene	26.71	278	183677	16.983	ng/ul	97
94) Benzo(g,h,i)perylene	27.47	276	177491	16.317	ng/ul	97

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

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