Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
Data File : BM027328.D
Acq On : 04 Sep 2020 13:29
Operator : JU/CG
Sample : SSTD08006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD08006

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Quant Time: Sep 04 14:02:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 04 12:49:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	99377	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	405001	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	312912	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	795651	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	1010761	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	1034666	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	72012	41.04	ng/uL	0.00
5) Phenol-d5	6.76	99	724399	89.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	466660	89.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	568861	91.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	589528	91.13	ng/ul	0.01
19) Nitrobenzene-d5	8.72	128	281038	86.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	329955	88.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	687793	90.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	737645	89.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	2228101	89.75	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	2638881	89.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	418036	99.82	ng/ul	0.02
58) Fluorene-d10	15.22	176	2042391	95.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	481214	92.71	ng/ul	0.01
71) Anthracene-d10	17.06	188	3444004	91.20	ng/ul	0.00
79) Pyrene-d10	19.37	212	4237270	72.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	5386033	93.38	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	81814	39.603	ng/uL	97
4) Benzaldehyde	6.72	77	484178	85.299	ng/ul	97
6) Phenol	6.79	94	756534	89.793	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.01	93	598916	88.415	ng/ul	99
10) 2-Chlorophenol	7.15	128	577001	91.028	ng/ul	99
11) 2-Methylphenol	8.02	108	562397	89.767	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.11	45	452416	86.262	ng/ul	99
14) Acetophenone	8.39	105	951380	91.791	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	569648	91.282	ng/ul	98
16) 4-Methylphenol	8.36	108	603852	89.887	ng/ul	99
17) Hexachloroethane	8.65	117	272537	91.215	ng/ul	98
20) Nitrobenzene	8.76	77	869821	89.618	ng/ul	96
21) Isophorone	9.30	82	1516727	86.710	ng/ul	100
23) 2-Nitrophenol	9.47	139	353388	88.830	ng/ul	98
24) 2,4-Dimethylphenol	9.55	107	748022	89.366	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.77	93	861722	85.976	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	665515	89.775	ng/ul	99
28) Naphthalene	10.39	128	1900342	88.104	ng/ul	99
30) 4-Chloroaniline	10.51	127	741785	90.014	ng/ul	100
31) Hexachlorobutadiene	10.69	225	486870	87.396	ng/ul	98
32) Caprolactam	11.30	113	208266m	93.724	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	736169	94.977	ng/ul	100
34) 2-Methylnaphthalene	12.02	142	1483443	90.541	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.24	142	1464626	91.588	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.40	216	948373	84.766	ng/ul	99
38) Hexachlorocyclopentadiene	12.38	237	624824	82.567	ng/ul	100
39) 2,4,6-Trichlorophenol	12.64	196	620749	87.149	ng/ul	98
40) 2,4,5-Trichlorophenol	12.72	196	676760	89.406	ng/ul	98
41) 1,1'-Biphenyl	13.05	154	2102258	85.607	ng/ul	99
42) 2-Chloronaphthalene	13.08	162	1720980	87.119	ng/ul	98
43) 2-Nitroaniline	13.29	65	576690	96.862	ng/ul	96
45) Dimethylphthalate	13.69	163	2333120	90.544	ng/ul	99
46) 2,6-Dinitrotoluene	13.80	165	509236	95.900	ng/ul	91
48) Acenaphthylene	13.94	152	2605417	88.782	ng/ul	98
49) 3-Nitroaniline	14.13	138	424976	93.872	ng/ul	97
50) Acenaphthene	14.28	153	1846733	89.822	ng/ul	98
51) 2,4-Dinitrophenol	14.34	184	316215	103.698	ng/ul	91
53) 4-Nitrophenol	14.46	109	426800	107.507	ng/ul	98
54) Dibenzofuran	14.62	168	2695841	91.340	ng/ul	100
55) 2,4-Dinitrotoluene	14.59	165	764816	101.158	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.85	232	670050	98.850	ng/ul	99
57) Diethylphthalate	15.06	149	2495342	97.145	ng/ul	99
59) Fluorene	15.27	166	2434515	97.268	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.27	204	1323365	96.765	ng/ul	97
61) 4-Nitroaniline	15.30	138	510166	101.864	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.37	198	514734	91.363	ng/ul#	91
65) N-Nitrosodiphenylamine	15.49	169	2026130	84.564	ng/ul	98
66) 4-Bromophenyl-phenylether	16.16	248	853366	85.551	ng/ul	97
67) Hexachlorobenzene	16.28	284	1002484	88.036	ng/ul	97
68) Atrazine	16.45	200	883237	89.824	ng/ul	99
69) Pentachlorophenol	16.62	266	637700	95.364	ng/ul	99
70) Phenanthrene	17.01	178	4133134	91.014	ng/ul	100
72) Anthracene	17.10	178	4237835	91.610	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.01	216	926840	75.014	ng/uL	99
74) Pentachlorobenzene	14.55	250	1012860	79.376	ng/uL	99
75) Carbazole	17.37	167	3652905	95.792	ng/ul	100
76) Di-n-butylphthalate	17.95	149	4688935	96.088	ng/ul	99
77) Fluoranthene	19.03	202	5484299	100.805	ng/ul	99
80) Pyrene	19.40	202	5678956	72.836	ng/ul	97
81) Butylbenzylphthalate	20.32	149	2377729	80.678	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.09	252	2163103	91.863	ng/ul	99
83) Benzo(a)anthracene	21.16	228	5968623	89.052	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.11	149	3604212	86.460	ng/ul	97
85) Chrysene	21.21	228	5841007	91.027	ng/ul	99
87) Di-n-octyl phthalate	21.97	149	6254877	77.597	ng/ul	100
88) Benzo(b)fluoranthene	22.70	252	6582547	89.243	ng/ul	99
89) Benzo(k)fluoranthene	22.74	252	6558934	92.280	ng/ul	99
91) Benzo(a)pyrene	23.26	252	6092592	94.118	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.53	276	7893528	105.851	ng/ul	99
93) Dibenzo(a,h)anthracene	25.54	278	6765112	106.924	ng/ul	99
94) Benzo(g,h,i)perylene	26.19	276	6355978	104.239	ng/ul	99

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

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