Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027212.D
Acq On : 25 Aug 2020 13:44
Operator : JU/CG
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD04004

Manual Integrations APPROVED
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Quant Time: Aug 25 14:47:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 25 13:47:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	172556	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	677334	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	458765	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	1017611	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	866544	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	668397	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	47185	12.43	ng/uL	0.00
5) Phenol-d5	6.79	99	559403	41.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	367637	40.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	444924	42.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	459796	43.95	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	217660	40.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	256257	46.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	514834	44.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	572791	42.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	1483741	40.56	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	1771985	40.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	254896	41.27	ng/ul	0.00
58) Fluorene-d10	15.24	176	1277228	40.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	270467	48.66	ng/ul	0.00
71) Anthracene-d10	17.09	188	1972715	39.35	ng/ul	0.00
79) Pyrene-d10	19.39	212	2109889	48.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	1534754	41.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	55284	11.453	ng/uL	97
4) Benzaldehyde	6.75	77	418950	32.120	ng/ul	100
6) Phenol	6.82	94	585679	41.398	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.04	93	478927	41.015	ng/ul	99
10) 2-Chlorophenol	7.17	128	446698	40.388	ng/ul	98
11) 2-Methylphenol	8.05	108	439865	42.804	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.14	45	369075	41.490	ng/ul	98
14) Acetophenone	8.42	105	726908	41.347	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.42	70	438739	43.017	ng/ul	99
16) 4-Methylphenol	8.38	108	472707	42.805	ng/ul	98
17) Hexachloroethane	8.67	117	213295	38.555	ng/ul	99
20) Nitrobenzene	8.79	77	648928	37.023	ng/ul	99
21) Isophorone	9.32	82	1154889	41.526	ng/ul	99
23) 2-Nitrophenol	9.50	139	274711	44.512	ng/ul	100
24) 2,4-Dimethylphenol	9.57	107	556288	39.517	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.80	93	656406	41.659	ng/ul	100
27) 2,4-Dichlorophenol	10.03	162	494270	42.042	ng/ul	99
28) Naphthalene	10.42	128	1448513	38.475	ng/ul	99
30) 4-Chloroaniline	10.53	127	569076	41.563	ng/ul	99
31) Hexachlorobutadiene	10.72	225	368577	37.185	ng/ul	98
32) Caprolactam	11.32	113	151554m	46.373	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	522016	42.018	ng/ul	98
34) 2-Methylnaphthalene	12.05	142	1084997	39.296	ng/ul	100

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35) 1-Methylnaphthalene	12.27	142	1050140	38.635	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	674987	39.760	ng/ul	97
38) Hexachlorocyclopentadiene	12.41	237	449461	40.153	ng/ul	99
39) 2,4,6-Trichlorophenol	12.67	196	434815	43.577	ng/ul	95
40) 2,4,5-Trichlorophenol	12.74	196	462712	43.572	ng/ul	99
41) 1,1'-Biphenyl	13.07	154	1467319	39.138	ng/ul	99
42) 2-Chloronaphthalene	13.11	162	1183140	38.924	ng/ul	99
43) 2-Nitroaniline	13.32	65	373251	42.392	ng/ul	94
45) Dimethylphthalate	13.71	163	1531122	39.938	ng/ul	100
46) 2,6-Dinitrotoluene	13.82	165	332426	45.540	ng/ul	100
48) Acenaphthylene	13.96	152	1757610	39.658	ng/ul	99
49) 3-Nitroaniline	14.14	138	287345	44.294	ng/ul	94
50) Acenaphthene	14.31	153	1221539	38.889	ng/ul	98
51) 2,4-Dinitrophenol	14.36	184	186279	49.103	ng/ul	98
53) 4-Nitrophenol	14.47	109	241252	36.688	ng/ul	96
54) Dibenzofuran	14.64	168	1747715	38.881	ng/ul	98
55) 2,4-Dinitrotoluene	14.62	165	473292	44.646	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.88	232	421364	44.025	ng/ul	96
57) Diethylphthalate	15.09	149	1540938	40.070	ng/ul	100
59) Fluorene	15.30	166	1498526	39.837	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.30	204	822896	40.141	ng/ul	99
61) 4-Nitroaniline	15.32	138	312220	42.137	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.39	198	295037	47.966	ng/ul#	97
65) N-Nitrosodiphenylamine	15.51	169	1243721	40.794	ng/ul	99
66) 4-Bromophenyl-phenylether	16.19	248	525227	41.266	ng/ul	97
67) Hexachlorobenzene	16.31	284	590289	39.545	ng/ul	96
68) Atrazine	16.47	200	512746	41.479	ng/ul	98
69) Pentachlorophenol	16.65	266	351036	42.437	ng/ul	97
70) Phenanthrene	17.03	178	2359355	38.673	ng/ul	99
72) Anthracene	17.13	178	2402920	38.710	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	650383	40.864	ng/uL	100
74) Pentachlorobenzene	14.57	250	666741	40.162	ng/uL	99
75) Carbazole	17.39	167	2017558	38.505	ng/ul	98
76) Di-n-butylphthalate	17.97	149	2595938	40.432	ng/ul	100
77) Fluoranthene	19.06	202	2801509	37.870	ng/ul	100
80) Pyrene	19.42	202	2812952	47.824	ng/ul	99
81) Butylbenzylphthalate	20.34	149	1075508	49.748	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.11	252	875064	44.751	ng/ul	100
83) Benzo(a)anthracene	21.17	228	2352763	40.331	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	1493666	45.733	ng/ul	98
85) Chrysene	21.23	228	2258351	39.439	ng/ul	99
87) Di-n-octyl phthalate	22.00	149	2239405	50.077	ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	2010027	43.307	ng/ul	99
89) Benzo(k)fluoranthene	22.77	252	1876223	40.788	ng/ul	99
91) Benzo(a)pyrene	23.29	252	1716829	40.645	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.56	276	1959932	36.011	ng/ul	100
93) Dibenzo(a,h)anthracene	25.57	278	1661712	36.045	ng/ul	99
94) Benzo(g,h,i)perylene	26.23	276	1588240	35.330	ng/ul	100

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

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