Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080720\
Data File : BM027014.D
Acq On : 06 Aug 2020 21:26
Operator : JU/CG
Sample : SSTD08004
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD08004

Manual Integrations APPROVED
mohammad
8/7/2020 1:52:18 PM

Quant Time: Aug 07 03:43:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 07 03:07:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	87273	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	328596	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	220376	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	496567	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	530857	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	513319	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	64404	35.52	ng/uL	0.00
5) Phenol-d5	6.83	99	593285	88.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	396470	88.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	479560	92.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	466563	89.17	ng/ul	0.01
19) Nitrobenzene-d5	8.79	128	225999	87.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	257605	94.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	526651	87.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	563889	87.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1515689	86.01	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	1864769	89.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	269563	90.12	ng/ul	0.01
58) Fluorene-d10	15.27	176	1354049	84.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	266313	92.53	ng/ul	0.01
71) Anthracene-d10	17.12	188	2124050	85.73	ng/ul	0.00
79) Pyrene-d10	19.42	212	2430979	93.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	2678643	93.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	75484	31.787	ng/uL	94
4) Benzaldehyde	6.79	77	443910	82.185	ng/ul	98
6) Phenol	6.86	94	614528	86.655	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.08	93	509592	89.062	ng/ul	96
10) 2-Chlorophenol	7.22	128	484748	89.426	ng/ul	98
11) 2-Methylphenol	8.09	108	458616	88.991	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.18	45	387222	94.564	ng/ul	99
14) Acetophenone	8.46	105	764573	86.843	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.47	70	451442	91.297	ng/ul	97
16) 4-Methylphenol	8.42	108	488472	88.449	ng/ul	100
17) Hexachloroethane	8.72	117	237169	87.239	ng/ul	98
20) Nitrobenzene	8.83	77	699978	84.461	ng/ul	99
21) Isophorone	9.37	82	1168033	88.375	ng/ul	99
23) 2-Nitrophenol	9.54	139	275689	90.413	ng/ul	96
24) 2,4-Dimethylphenol	9.61	107	581037	84.582	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.85	93	682163	88.259	ng/ul	99
27) 2,4-Dichlorophenol	10.07	162	508319	85.846	ng/ul	98
28) Naphthalene	10.47	128	1540866	85.579	ng/ul	99
30) 4-Chloroaniline	10.57	127	559710	85.443	ng/ul	97
31) Hexachlorobutadiene	10.77	225	391909	75.038	ng/ul	99
32) Caprolactam	11.36	113	143482m	90.771	ng/ul	
33) 4-Chloro-3-methylphenol	11.72	107	531855	88.922	ng/ul	99
34) 2-Methylnaphthalene	12.09	142	1132474	84.478	ng/ul	98

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35) 1-Methylnaphthalene	12.31	142	1113063	83.780 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	704609	80.460 ng/ul	98
38) Hexachlorocyclopentadiene	12.45	237	483062	83.894 ng/ul	99
39) 2,4,6-Trichlorophenol	12.70	196	440096	90.454 ng/ul	95
40) 2,4,5-Trichlorophenol	12.77	196	467093	86.418 ng/ul	95
41) 1,1'-Biphenyl	13.11	154	1544662	87.838 ng/ul	98
42) 2-Chloronaphthalene	13.15	162	1248652	87.078 ng/ul	98
43) 2-Nitroaniline	13.35	65	401812	98.865 ng/ul	97
45) Dimethylphthalate	13.75	163	1583621	85.954 ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	335724	95.090 ng/ul	97
48) Acenaphthylene	14.00	152	1847650	87.869 ng/ul	99
49) 3-Nitroaniline	14.18	138	282361	93.251 ng/ul	98
50) Acenaphthene	14.35	153	1301968	87.292 ng/ul	97
51) 2,4-Dinitrophenol	14.39	184	182317	94.607 ng/ul	94
53) 4-Nitrophenol	14.50	109	269107	85.306 ng/ul	92
54) Dibenzofuran	14.68	168	1843563	84.601 ng/ul	99
55) 2,4-Dinitrotoluene	14.65	165	483036	92.516 ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	14.91	232	429458	86.633 ng/ul	98
57) Diethylphthalate	15.12	149	1636249	88.474 ng/ul	99
59) Fluorene	15.33	166	1617208	86.400 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.33	204	874969	82.898 ng/ul	96
61) 4-Nitroaniline	15.35	138	327842	88.339 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.42	198	294543	93.209 ng/ul#	95
65) N-Nitrosodiphenylamine	15.54	169	1323482	86.574 ng/ul	98
66) 4-Bromophenyl-phenylether	16.22	248	552035	85.493 ng/ul	99
67) Hexachlorobenzene	16.34	284	624397	83.607 ng/ul	99
68) Atrazine	16.50	200	535138	87.141 ng/ul	99
69) Pentachlorophenol	16.68	266	378738	90.807 ng/ul	98
70) Phenanthrene	17.07	178	2570864	87.364 ng/ul	100
72) Anthracene	17.16	178	2631664	85.719 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	670986	85.830 ng/uL	99
74) Pentachlorobenzene	14.60	250	687139	83.245 ng/uL	98
75) Carbazole	17.42	167	2219259	84.885 ng/ul	100
76) Di-n-butylphthalate	18.01	149	2851250	91.497 ng/ul	99
77) Fluoranthene	19.09	202	3176929	84.205 ng/ul	99
80) Pyrene	19.45	202	3254461	92.924 ng/ul	99
81) Butylbenzylphthalate	20.37	149	1312742	104.079 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.14	252	1121596	94.416 ng/ul	99
83) Benzo(a)anthracene	21.20	228	3139160	87.592 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	1934714	101.104 ng/ul	99
85) Chrysene	21.26	228	3037383	86.741 ng/ul	100
87) Di-n-octyl phthalate	22.03	149	3236348	93.406 ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	3298393	92.454 ng/ul	100
89) Benzo(k)fluoranthene	22.81	252	3229214	91.502 ng/ul	99
91) Benzo(a)pyrene	23.33	252	2988077	91.384 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.63	276	3801297	92.453 ng/ul	99
93) Dibenzo(a,h)anthracene	25.64	278	3203910	92.076 ng/ul	99
94) Benzo(g,h,i)perylene	26.30	276	3109408	91.619 ng/ul	100

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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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