Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026914.D
Acq On : 29 Jul 2020 05:58
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jul 29 06:52:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 02:24:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	76573	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	300568	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	190734	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	402713	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	432892	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	448425	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	14224	8.47	ng/uL	0.00
5) Phenol-d5	6.84	99	128392	19.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	91432	20.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	98888	19.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	99762	19.33	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	47198	20.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	43714	20.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	102257	19.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	120351	19.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	295634	19.77	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	373927	19.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	51275	20.27	ng/ul	0.00
58) Fluorene-d10	15.29	176	264289	20.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	36051	20.08	ng/ul	0.00
71) Anthracene-d10	17.14	188	404535	20.10	ng/ul	0.00
79) Pyrene-d10	19.44	212	433494	18.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	504261	19.93	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	17109	8.202	ng/uL	97
4) Benzaldehyde	6.81	77	107509	19.672	ng/ul	98
6) Phenol	6.87	94	137824	19.200	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.10	93	109489	19.274	ng/ul	99
10) 2-Chlorophenol	7.24	128	102708	19.706	ng/ul	96
11) 2-Methylphenol	8.11	108	97256	18.937	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	95765	19.037	ng/ul	96
14) Acetophenone	8.48	105	167939	19.610	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	103616	20.032	ng/ul	96
16) 4-Methylphenol	8.43	108	105321	19.243	ng/ul	99
17) Hexachloroethane	8.74	117	52096	20.972	ng/ul	95
20) Nitrobenzene	8.85	77	158114	20.876	ng/ul	98
21) Isophorone	9.38	82	258117	19.331	ng/ul	99
23) 2-Nitrophenol	9.56	139	51903	21.229	ng/ul	98
24) 2,4-Dimethylphenol	9.63	107	127371	19.944	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.87	93	144907	19.479	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	101839	20.433	ng/ul	99
28) Naphthalene	10.50	128	331913	19.766	ng/ul	98
30) 4-Chloroaniline	10.60	127	119612	19.440	ng/ul	95
31) Hexachlorobutadiene	10.80	225	73448	20.869	ng/ul	97
32) Caprolactam	11.34	113	29504m	18.956	ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	107789	19.397	ng/ul	99
34) 2-Methylnaphthalene	12.11	142	239447	20.170	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.33	142	232346	20.031 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	128500	19.711 ng/ul	97
38) Hexachlorocyclopentadiene	12.48	237	70218	15.885 ng/ul	97
39) 2,4,6-Trichlorophenol	12.72	196	73995	19.807 ng/ul	96
40) 2,4,5-Trichlorophenol	12.80	196	79950	20.029 ng/ul	99
41) 1,1'-Biphenyl	13.14	154	317718	19.934 ng/ul	97
42) 2-Chloronaphthalene	13.17	162	256313	19.985 ng/ul	99
43) 2-Nitroaniline	13.37	65	83975	22.017 ng/ul	95
45) Dimethylphthalate	13.77	163	313665	19.983 ng/ul	99
46) 2,6-Dinitrotoluene	13.87	165	61012	22.048 ng/ul	96
48) Acenaphthylene	14.02	152	377592	19.527 ng/ul	100
49) 3-Nitroaniline	14.20	138	55624	20.564 ng/ul	97
50) Acenaphthene	14.37	153	266808	20.027 ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	23756	21.439 ng/ul#	90
53) 4-Nitrophenol	14.51	109	57011	22.496 ng/ul	89
54) Dibenzofuran	14.70	168	368108	19.933 ng/ul	97
55) 2,4-Dinitrotoluene	14.66	165	88156	22.173 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.93	232	67072	21.418 ng/ul	98
57) Diethylphthalate	15.14	149	323914	20.580 ng/ul	99
59) Fluorene	15.35	166	318858	20.504 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	158091	20.426 ng/ul	96
61) 4-Nitroaniline	15.36	138	69166	20.863 ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.42	198	40517	19.862 ng/ul	99
65) N-Nitrosodiphenylamine	15.57	169	262460	19.923 ng/ul	98
66) 4-Bromophenyl-phenylether	16.25	248	95244	20.160 ng/ul	97
67) Hexachlorobenzene	16.36	284	111368	20.787 ng/ul	96
68) Atrazine	16.52	200	92725	19.175 ng/ul	99
69) Pentachlorophenol	16.70	266	53515	20.074 ng/ul	93
70) Phenanthrene	17.09	178	498066	20.375 ng/ul	99
72) Anthracene	17.18	178	509444	20.276 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	121428	19.192 ng/uL	97
74) Pentachlorobenzene	14.62	250	122831	20.024 ng/uL	99
75) Carbazole	17.44	167	441739	19.889 ng/ul	99
76) Di-n-butylphthalate	18.03	149	530597	20.308 ng/ul	99
77) Fluoranthene	19.11	202	576637	19.978 ng/ul	98
80) Pyrene	19.47	202	602323	19.124 ng/ul	98
81) Butylbenzylphthalate	20.39	149	229946	19.635 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.15	252	186053	18.178 ng/ul	99
83) Benzo(a)anthracene	21.22	228	591720	19.831 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	343578	19.568 ng/ul#	98
85) Chrysene	21.27	228	574843	19.756 ng/ul	100
87) Di-n-octyl phthalate	22.05	149	579651	17.593 ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	616312	19.213 ng/ul	99
89) Benzo(k)fluoranthene	22.83	252	619710	20.132 ng/ul	99
91) Benzo(a)pyrene	23.35	252	577273	19.943 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.66	276	739875	20.604 ng/ul	98
93) Dibenzo(a,h)anthracene	25.67	278	620830	20.442 ng/ul	99
94) Benzo(g,h,i)perylene	26.33	276	600926	20.238 ng/ul	99

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

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