Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002273.D
Acq On : 13 May 2020 04:47
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD02084

Manual Integrations APPROVED
mohammad
5/14/2020 9:00:07 AM

Quant Time: May 13 05:22:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 12 18:30:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	403918	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1743890	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	1020373	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	1972018	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1322814	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	1161172	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	85287	8.46	ng/uL	0.00
5) Phenol-d5	6.80	99	784260	22.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	515729	23.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	599239	22.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	613463	22.27	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	294423	22.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	331442	23.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	608975	21.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	824894	24.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	1645985	21.60	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1982392	21.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	289419	21.91	ng/ul	0.00
58) Fluorene-d10	15.26	176	1354201	21.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	222787	23.34	ng/ul	0.00
71) Anthracene-d10	17.10	188	1950707	22.21	ng/ul	0.00
79) Pyrene-d10	19.35	212	1900531	24.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	1261678	20.98	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	92322	8.34	ng/uL	97
4) Benzaldehyde	6.76	77	514353	25.45	ng/ul	97
6) Phenol	6.82	94	822846	22.65	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.05	93	665575	22.62	ng/ul	99
10) 2-Chlorophenol	7.18	128	618204	21.96	ng/ul	99
11) 2-Methylphenol	8.06	108	615054	22.20	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.15	45	902150	22.47	ng/ul	100
14) Acetophenone	8.43	105	973899	23.87	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.42	70	508068	22.18	ng/ul	100
16) 4-Methylphenol	8.39	108	661568	22.47	ng/ul	98
17) Hexachloroethane	8.69	117	249020	21.29	ng/ul	97
20) Nitrobenzene	8.80	77	738702	22.10	ng/ul	100
21) Isophorone	9.33	82	1454564	21.35	ng/ul	99
23) 2-Nitrophenol	9.50	139	355270	23.45	ng/ul	98
24) 2,4-Dimethylphenol	9.58	107	704984	21.99	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.82	93	914909	21.91	ng/ul	99
27) 2,4-Dichlorophenol	10.04	162	594396	21.85	ng/ul	98
28) Naphthalene	10.43	128	1958364	21.48	ng/ul	99
30) 4-Chloroaniline	10.55	127	853586	25.61	ng/ul	99
31) Hexachlorobutadiene	10.74	225	354338	20.36	ng/ul	99
32) Caprolactam	11.30	113	203762m	20.57	ng/ul	
33) 4-Chloro-3-methylphenol	11.68	107	649862	21.71	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	1399211	21.93	ng/ul	100

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35) 1-Methylnaphthalene	12.28	142	1316330	21.04	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	690579	21.95	ng/ul	98
38) Hexachlorocyclopentadiene	12.42	237	386262	22.62	ng/ul	100
39) 2,4,6-Trichlorophenol	12.67	196	461575	22.04	ng/ul	100
40) 2,4,5-Trichlorophenol	12.75	196	489836	22.06	ng/ul	96
41) 1,1'-Biphenyl	13.09	154	1739304	22.62	ng/ul	99
42) 2-Chloronaphthalene	13.12	162	1348637	22.03	ng/ul	98
43) 2-Nitroaniline	13.32	65	404209	23.78	ng/ul	99
45) Dimethylphthalate	13.72	163	1616689	20.85	ng/ul	98
46) 2,6-Dinitrotoluene	13.83	165	357857	23.73	ng/ul	98
48) Acenaphthylene	13.97	152	2155074	22.23	ng/ul	99
49) 3-Nitroaniline	14.15	138	379094	25.00	ng/ul	95
50) Acenaphthene	14.32	153	1401876	21.64	ng/ul	100
51) 2,4-Dinitrophenol	14.36	184	149754	20.14	ng/ul	99
53) 4-Nitrophenol	14.47	109	213355	21.25	ng/ul	96
54) Dibenzofuran	14.66	168	1980772	21.97	ng/ul	97
55) 2,4-Dinitrotoluene	14.62	165	452100	21.89	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.89	232	399677	20.98	ng/ul	92
57) Diethylphthalate	15.10	149	1565813	20.25	ng/ul	98
59) Fluorene	15.31	166	1424325	21.06	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.32	204	704343	20.61	ng/ul	99
61) 4-Nitroaniline	15.32	138	354569	23.85	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.39	198	242186	24.02	ng/ul	96
65) N-Nitrosodiphenylamine	15.53	169	1337402	23.70	ng/ul	97
66) 4-Bromophenyl-phenylether	16.21	248	458628	21.57	ng/ul	97
67) Hexachlorobenzene	16.32	284	488358	20.39	ng/ul	95
68) Atrazine	16.49	200	417145	20.64	ng/ul	98
69) Pentachlorophenol	16.66	266	290408	21.32	ng/ul	98
70) Phenanthrene	17.05	178	2309234	21.82	ng/ul	99
72) Anthracene	17.14	178	2345336	22.36	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	690880	22.62	ng/uL	98
74) Pentachlorobenzene	14.58	250	628174	21.36	ng/uL	96
75) Carbazole	17.41	167	2096583	23.97	ng/ul	98
76) Di-n-butylphthalate	18.00	149	2442759	20.95	ng/ul	100
77) Fluoranthene	19.03	202	2456178	22.17	ng/ul	100
80) Pyrene	19.38	202	2447547	24.74	ng/ul	99
81) Butylbenzylphthalate	20.27	149	860032	23.93	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.03	252	627754	19.27	ng/ul	94
83) Benzo(a)anthracene	21.09	228	1844193	20.61	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.05	149	1212816	21.18	ng/ul	100
85) Chrysene	21.14	228	1761639	20.39	ng/ul	100
87) Di-n-octyl phthalate	21.92	149	1793948	21.83	ng/ul	100
88) Benzo(b)fluoranthene	22.64	252	1511484	20.20	ng/ul	98
89) Benzo(k)fluoranthene	22.69	252	1580783	21.60	ng/ul	98
91) Benzo(a)pyrene	23.20	252	1498911	22.17	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.52	276	1753952	22.99	ng/ul	97
93) Dibenzo(a,h)anthracene	25.53	278	1429630	22.65	ng/ul	99
94) Benzo(g,h,i)perylene	26.19	276	1504699	23.03	ng/ul	97

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

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