Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002287.D
Acq On : 13 May 2020 13:54
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02087

Manual Integrations APPROVED
mohammad
5/14/2020 9:04:49 AM

Quant Time: May 13 14:26:57 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	7.61	152	363390	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1584496	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	938111	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	1903867	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1421055	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	1158423	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	70769	7.80	ng/uL	0.00
5) Phenol-d5	6.79	99	624051	19.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	381208	19.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	472981	19.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	497899	20.09	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	229071	19.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	250199	19.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	480348	18.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	480317	16.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	1339054	19.12	ng/ul	-0.01
47) Acenaphthylene-d8	13.94	160	1682780	19.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	232273	19.13	ng/ul	0.00
58) Fluorene-d10	15.25	176	1150313	19.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	178557	19.38	ng/ul	0.00
71) Anthracene-d10	17.10	188	1663563	19.62	ng/ul	0.00
79) Pyrene-d10	19.35	212	1679034	20.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	1121927	18.70	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	75953	7.63	ng/uL	95
4) Benzaldehyde	6.76	77	399833	21.99	ng/ul	99
6) Phenol	6.82	94	683067	20.90	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.05	93	540447	20.41	ng/ul	99
10) 2-Chlorophenol	7.18	128	506567	20.00	ng/ul	98
11) 2-Methylphenol	8.06	108	512214	20.55	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.15	45	729669	20.20	ng/ul	99
14) Acetophenone	8.42	105	804307	21.91	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.42	70	416400	20.20	ng/ul	98
16) 4-Methylphenol	8.39	108	556268	21.00	ng/ul	98
17) Hexachloroethane	8.69	117	203554	19.34	ng/ul	99
20) Nitrobenzene	8.80	77	603530	19.88	ng/ul	100
21) Isophorone	9.32	82	1182468	19.10	ng/ul	99
23) 2-Nitrophenol	9.50	139	282970	20.56	ng/ul	97
24) 2,4-Dimethylphenol	9.58	107	589757	20.24	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.81	93	735573	19.39	ng/ul	99
27) 2,4-Dichlorophenol	10.04	162	491639	19.89	ng/ul	98
28) Naphthalene	10.43	128	1643590	19.84	ng/ul	100
30) 4-Chloroaniline	10.54	127	506491	16.72	ng/ul	98
31) Hexachlorobutadiene	10.74	225	289281	18.29	ng/ul	99
32) Caprolactam	11.28	113	160243m	17.81	ng/ul	
33) 4-Chloro-3-methylphenol	11.68	107	528092	19.41	ng/ul	98
34) 2-Methylnaphthalene	12.06	142	1150863	19.85	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.28	142	1066125	18.75	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	565555	19.55	ng/ul	98
38) Hexachlorocyclopentadiene	12.42	237	309576	19.72	ng/ul	97
39) 2,4,6-Trichlorophenol	12.67	196	383612	19.92	ng/ul	98
40) 2,4,5-Trichlorophenol	12.75	196	408815	20.02	ng/ul	99
41) 1,1'-Biphenyl	13.08	154	1444716	20.44	ng/ul	100
42) 2-Chloronaphthalene	13.12	162	1129244	20.06	ng/ul	98
43) 2-Nitroaniline	13.32	65	328219	21.01	ng/ul	97
45) Dimethylphthalate	13.72	163	1376446	19.31	ng/ul	99
46) 2,6-Dinitrotoluene	13.83	165	277320	20.00	ng/ul	99
48) Acenaphthylene	13.97	152	1763323	19.79	ng/ul	99
49) 3-Nitroaniline	14.15	138	240256	17.23	ng/ul	99
50) Acenaphthene	14.32	153	1192143	20.02	ng/ul	99
51) 2,4-Dinitrophenol	14.36	184	117439	17.18	ng/ul	97
53) 4-Nitrophenol	14.47	109	179659	19.46	ng/ul	97
54) Dibenzofuran	14.66	168	1664474	20.08	ng/ul	98
55) 2,4-Dinitrotoluene	14.62	165	380224	20.02	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.89	232	329886	18.84	ng/ul	94
57) Diethylphthalate	15.10	149	1356478	19.08	ng/ul	99
59) Fluorene	15.31	166	1248225	20.07	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.31	204	618244	19.68	ng/ul	99
61) 4-Nitroaniline	15.32	138	263350	19.27	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.39	198	185980	19.10	ng/ul	99
65) N-Nitrosodiphenylamine	15.52	169	1133480	20.81	ng/ul	99
66) 4-Bromophenyl-phenylether	16.20	248	391086	19.05	ng/ul	97
67) Hexachlorobenzene	16.32	284	427809	18.50	ng/ul	96
68) Atrazine	16.49	200	384721	19.71	ng/ul	97
69) Pentachlorophenol	16.66	266	246495	18.74	ng/ul	96
70) Phenanthrene	17.05	178	2031542	19.88	ng/ul	100
72) Anthracene	17.14	178	2044404	20.19	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	580227	19.68	ng/uL	98
74) Pentachlorobenzene	14.58	250	526477	18.54	ng/uL	98
75) Carbazole	17.41	167	1831788	21.70	ng/ul	98
76) Di-n-butylphthalate	18.00	149	2173488	19.31	ng/ul	99
77) Fluoranthene	19.03	202	2188450	20.46	ng/ul	99
80) Pyrene	19.38	202	2194903	20.65	ng/ul	99
81) Butylbenzylphthalate	20.27	149	801102	20.75	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.02	252	465787	13.31	ng/ul	94
83) Benzo(a)anthracene	21.09	228	1738155	18.08	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.05	149	1169460	19.01	ng/ul	98
85) Chrysene	21.14	228	1706147	18.38	ng/ul	99
87) Di-n-octyl phthalate	21.92	149	1697597	20.71	ng/ul	100
88) Benzo(b)fluoranthene	22.64	252	1454647	19.49	ng/ul	98
89) Benzo(k)fluoranthene	22.69	252	1428555	19.57	ng/ul	98
91) Benzo(a)pyrene	23.20	252	1240554	18.39	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.51	276	1468420	19.29	ng/ul	96
93) Dibenzo(a,h)anthracene	25.53	278	1218801	19.35	ng/ul	97
94) Benzo(g,h,i)perylene	26.18	276	1258560	19.31	ng/ul	97

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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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