Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004337.D
Acq On : 17 Dec 2020 11:37
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02096

Quant Time: Dec 17 12:10:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 09:00:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	257158	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1051205	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	645278	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1415055	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	1507153	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	1628225	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	46517	6.35	ng/uL	0.00
5) Phenol-d5	6.99	99	424548	19.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	235095	17.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	343669	21.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	333543	20.75	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	170537	19.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	184063	25.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	345811	22.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	376214	19.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	936825	19.00	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1200688	19.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	170435	20.46	ng/ul	0.00
58) Fluorene-d10	15.48	176	839839	18.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	151565	22.32	ng/ul	0.00
71) Anthracene-d10	17.34	188	1310172	19.00	ng/ul	0.00
79) Pyrene-d10	19.59	212	1489655	18.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	1680015	19.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	49359	6.488	ng/uL	93
4) Benzaldehyde	6.98	77	144605	12.943	ng/ul	97
6) Phenol	7.02	94	432785	19.485	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.26	93	340037	18.571	ng/ul	97
10) 2-Chlorophenol	7.40	128	336256	19.866	ng/ul	97
11) 2-Methylphenol	8.27	108	326791	20.397	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.36	45	380116	17.367	ng/ul	97
14) Acetophenone	8.65	105	503223	19.801	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.63	70	244891	19.890	ng/ul	98
16) 4-Methylphenol	8.60	108	352646	20.566	ng/ul	100
17) Hexachloroethane	8.91	117	143483	18.458	ng/ul	91
20) Nitrobenzene	9.03	77	392295	18.454	ng/ul	99
21) Isophorone	9.55	82	719029	20.036	ng/ul	100
23) 2-Nitrophenol	9.75	139	195096	24.028	ng/ul	96
24) 2,4-Dimethylphenol	9.80	107	365251	19.934	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.04	93	443629	18.150	ng/ul	98
27) 2,4-Dichlorophenol	10.28	162	330416	20.856	ng/ul	98
28) Naphthalene	10.68	128	1101353	18.481	ng/ul	99
30) 4-Chloroaniline	10.79	127	361154	19.194	ng/ul	98
31) Hexachlorobutadiene	10.97	225	228820	18.696	ng/ul	98
32) Caprolactam	11.53	113	109775	24.132	ng/ul	88
33) 4-Chloro-3-methylphenol	11.92	107	334512	22.457	ng/ul	100
34) 2-Methylnaphthalene	12.29	142	753495	18.793	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.52	142	885015	19.010	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.67	216	430712	18.326	ng/ul	99
38) Hexachlorocyclopentadiene	12.65	237	211103	15.655	ng/ul	98
39) 2,4,6-Trichlorophenol	12.90	196	265578	23.414	ng/ul	99
40) 2,4,5-Trichlorophenol	12.98	196	278192	21.936	ng/ul	99
41) 1,1'-Biphenyl	13.31	154	977253	18.059	ng/ul	99
42) 2-Chloronaphthalene	13.35	162	785356	18.202	ng/ul	99
43) 2-Nitroaniline	13.55	65	204744	21.750	ng/ul	99
45) Dimethylphthalate	13.93	163	944585	18.804	ng/ul	99
46) 2,6-Dinitrotoluene	14.06	165	201606	21.553	ng/ul	91
48) Acenaphthylene	14.20	152	1179507	18.882	ng/ul	99
49) 3-Nitroaniline	14.38	138	153425	18.529	ng/ul	97
50) Acenaphthene	14.55	153	819458	18.527	ng/ul	99
51) 2,4-Dinitrophenol	14.60	184	85146	21.048	ng/ul	96
53) 4-Nitrophenol	14.69	109	120701	19.634	ng/ul	95
54) Dibenzofuran	14.88	168	1147329	18.411	ng/ul	99
55) 2,4-Dinitrotoluene	14.85	165	288664	21.745	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.11	232	246160	23.796	ng/ul	96
57) Diethylphthalate	15.30	149	920466	19.523	ng/ul	100
59) Fluorene	15.53	166	937252	18.804	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.53	204	491704	18.607	ng/ul	100
61) 4-Nitroaniline	15.55	138	165810	18.832	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.62	198	160190	21.737	ng/ul	97
65) N-Nitrosodiphenylamine	15.75	169	793669	18.856	ng/ul	99
66) 4-Bromophenyl-phenylether	16.43	248	312629	18.997	ng/ul	97
67) Hexachlorobenzene	16.55	284	364859	18.493	ng/ul	99
68) Atrazine	16.70	200	297134	20.344	ng/ul	98
69) Pentachlorophenol	16.89	266	182756	20.138	ng/ul	99
70) Phenanthrene	17.29	178	1525733	18.276	ng/ul	100
72) Anthracene	17.38	178	1551378	18.783	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	425286	17.915	ng/uL	99
74) Pentachlorobenzene	14.80	250	418629	18.238	ng/uL	100
75) Carbazole	17.65	167	1351260	20.104	ng/ul	100
76) Di-n-butylphthalate	18.20	149	1554418	21.707	ng/ul	100
77) Fluoranthene	19.26	202	1856642	20.828	ng/ul	99
80) Pyrene	19.62	202	1918461	18.870	ng/ul	97
81) Butylbenzylphthalate	20.49	149	704305	25.100	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.25	252	535595	20.529	ng/ul	99
83) Benzo(a)anthracene	21.32	228	1897799	19.103	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	1043278	22.959	ng/ul	98
85) Chrysene	21.37	228	1819880	18.673	ng/ul	100
87) Di-n-octyl phthalate	22.16	149	1796956	23.329	ng/ul	100
88) Benzo(b)fluoranthene	22.99	252	2008643	19.453	ng/ul	99
89) Benzo(k)fluoranthene	23.03	252	1905802	17.972	ng/ul	99
91) Benzo(a)pyrene	23.60	252	1824647	18.937	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.14	276	2312736	19.139	ng/ul	100
93) Dibenzo(a,h)anthracene	26.15	278	1926598	19.023	ng/ul	99
94) Benzo(g,h,i)perylene	26.89	276	1945261	19.188	ng/ul	98

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

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