Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004309.D
Acq On : 15 Dec 2020 18:00
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02092

Quant Time: Dec 16 00:23:55 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	7.85	152	262151	20.00	ng/ul	0.01
18) Naphthalene-d8	10.65	136	1055006	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.49	164	629038	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.26	188	1448397	20.00	ng/ul	0.01
78) Chrysene-d12	21.35	240	1480916	20.00	ng/ul	0.01
86) Perylene-d12	23.73	264	1723930	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	48955	6.56	ng/uL	0.00
5) Phenol-d5	7.01	99	405418	18.69	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.18	67	221870	16.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	327264	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	326969	19.95	ng/ul	0.01
19) Nitrobenzene-d5	9.00	128	163085	18.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	182384	25.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	335902	21.44	ng/ul	0.01
29) 4-Chloroaniline-d4	10.78	131	364679	18.77	ng/ul	0.01
44) Dimethylphthalate-d6	13.90	166	870597	18.11	ng/ul	0.00
47) Acenaphthylene-d8	14.19	160	1089513	17.76	ng/ul	0.01
52) 4-Nitrophenol-d4	14.70	143	170563	21.00	ng/ul	0.02
58) Fluorene-d10	15.49	176	800384	18.38	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.63	200	153634	22.11	ng/ul	0.02
71) Anthracene-d10	17.36	188	1287003	18.23	ng/ul	0.01
79) Pyrene-d10	19.60	212	1416501	18.36	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.57	264	1641763	18.08	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	57951	7.473	ng/uL	96
4) Benzaldehyde	6.99	77	184683	16.215	ng/ul	96
6) Phenol	7.04	94	411244	18.162	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.26	93	323270	17.319	ng/ul	97
10) 2-Chlorophenol	7.41	128	328611	19.045	ng/ul	96
11) 2-Methylphenol	8.29	108	313089	19.170	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.38	45	357391	16.017	ng/ul	95
14) Acetophenone	8.66	105	483751	18.672	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.65	70	234912	18.716	ng/ul	98
16) 4-Methylphenol	8.62	108	336719	19.263	ng/ul	100
17) Hexachloroethane	8.92	117	140668	17.751	ng/ul	91
20) Nitrobenzene	9.05	77	370980	17.388	ng/ul	99
21) Isophorone	9.57	82	700332	19.445	ng/ul	99
23) 2-Nitrophenol	9.76	139	188672	23.153	ng/ul	96
24) 2,4-Dimethylphenol	9.82	107	359063	19.526	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.05	93	425869	17.361	ng/ul	99
27) 2,4-Dichlorophenol	10.29	162	318812	20.051	ng/ul	99
28) Naphthalene	10.69	128	1046569	17.498	ng/ul	100
30) 4-Chloroaniline	10.80	127	344266	18.230	ng/ul	100
31) Hexachlorobutadiene	10.98	225	224716	18.295	ng/ul	99
32) Caprolactam	11.56	113	111663	24.458	ng/ul	89
33) 4-Chloro-3-methylphenol	11.93	107	329792	22.060	ng/ul	99
34) 2-Methylnaphthalene	12.31	142	720387	17.903	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.53	142	847377	18.135	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.68	216	417332	18.216	ng/ul	99
38) Hexachlorocyclopentadiene	12.66	237	280647	21.349	ng/ul	100
39) 2,4,6-Trichlorophenol	12.92	196	266388	24.092	ng/ul	98
40) 2,4,5-Trichlorophenol	12.99	196	283771	22.953	ng/ul	100
41) 1,1'-Biphenyl	13.32	154	931683	17.662	ng/ul	99
42) 2-Chloronaphthalene	13.36	162	751186	17.860	ng/ul	99
43) 2-Nitroaniline	13.56	65	198554	21.637	ng/ul	97
45) Dimethylphthalate	13.95	163	871254	17.792	ng/ul	99
46) 2,6-Dinitrotoluene	14.07	165	186503	20.453	ng/ul	94
48) Acenaphthylene	14.22	152	1062312	17.445	ng/ul	99
49) 3-Nitroaniline	14.39	138	152545	18.898	ng/ul	94
50) Acenaphthene	14.56	153	757659	17.572	ng/ul	98
51) 2,4-Dinitrophenol	14.62	184	92235	23.389	ng/ul	96
53) 4-Nitrophenol	14.71	109	124134	20.713	ng/ul	97
54) Dibenzofuran	14.89	168	1081944	17.810	ng/ul	99
55) 2,4-Dinitrotoluene	14.86	165	279544	21.601	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.13	232	246886	24.482	ng/ul	95
57) Diethylphthalate	15.32	149	938286	20.415	ng/ul	99
59) Fluorene	15.55	166	902928	18.583	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.54	204	474546	18.421	ng/ul	99
61) 4-Nitroaniline	15.56	138	161887	18.861	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.64	198	163836	21.720	ng/ul	97
65) N-Nitrosodiphenylamine	15.76	169	773631	17.957	ng/ul	100
66) 4-Bromophenyl-phenylether	16.44	248	310757	18.449	ng/ul	97
67) Hexachlorobenzene	16.56	284	364216	18.036	ng/ul	96
68) Atrazine	16.71	200	311997	20.870	ng/ul	99
69) Pentachlorophenol	16.91	266	192003	20.670	ng/ul	98
70) Phenanthrene	17.30	178	1478627	17.304	ng/ul	100
72) Anthracene	17.39	178	1514151	17.910	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	405539	16.690	ng/uL	100
74) Pentachlorobenzene	14.82	250	397967	16.939	ng/uL	98
75) Carbazole	17.66	167	1334044	19.391	ng/ul	100
76) Di-n-butylphthalate	18.21	149	1647511	22.477	ng/ul	99
77) Fluoranthene	19.27	202	1785092	19.565	ng/ul	95
80) Pyrene	19.63	202	1797650	17.995	ng/ul	95
81) Butylbenzylphthalate	20.49	149	694002	25.171	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.26	252	472469	18.431	ng/ul	100
83) Benzo(a)anthracene	21.34	228	1756965	17.999	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1109657	24.853	ng/ul#	97
85) Chrysene	21.39	228	1714246	17.901	ng/ul	99
87) Di-n-octyl phthalate	22.17	149	1757162	21.545	ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	1906331	17.437	ng/ul	99
89) Benzo(k)fluoranthene	23.05	252	1885511	16.793	ng/ul	99
91) Benzo(a)pyrene	23.62	252	1784715	17.494	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	26.17	276	2317180	18.111	ng/ul	96
93) Dibenzo(a,h)anthracene	26.19	278	1943902	18.128	ng/ul	98
94) Benzo(g,h,i)perylene	26.92	276	1950551	18.172	ng/ul	95

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

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