Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004446.D
Acq On : 24 Dec 2020 23:24
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02097

Quant Time: Dec 25 05:13:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 25 01:03:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	311592	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1143466	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	627568	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1254059	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	1303170	20.00	ng/ul	0.00
86) Perylene-d12	23.68	264	1484614	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	58180	7.76	ng/uL	0.00
5) Phenol-d5	6.99	99	455281	16.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	269178	17.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	385119	17.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	346797	16.10	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	182382	18.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	190992	17.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	359185	17.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	379622	16.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	900648	17.93	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1160329	18.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	139061	15.32	ng/ul	0.00
58) Fluorene-d10	15.46	176	792500	18.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	129307	15.98	ng/ul	0.00
71) Anthracene-d10	17.33	188	1154051	18.63	ng/ul	0.00
79) Pyrene-d10	19.57	212	1279552	18.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	1501619	18.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	59173	7.728	ng/uL	96
4) Benzaldehyde	6.96	77	194539	14.650	ng/ul	97
6) Phenol	7.01	94	461793	16.968	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.25	93	390066	17.908	ng/ul	97
10) 2-Chlorophenol	7.38	128	386899	17.487	ng/ul	99
11) 2-Methylphenol	8.26	108	344485	16.543	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	427073	17.388	ng/ul	98
14) Acetophenone	8.64	105	535553	16.945	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.62	70	249857	15.637	ng/ul	99
16) 4-Methylphenol	8.59	108	360526	16.200	ng/ul	99
17) Hexachloroethane	8.90	117	178539	18.787	ng/ul	98
20) Nitrobenzene	9.02	77	417439	18.317	ng/ul	98
21) Isophorone	9.54	82	725947	17.045	ng/ul	99
23) 2-Nitrophenol	9.73	139	200355	17.783	ng/ul	99
24) 2,4-Dimethylphenol	9.79	107	373193	17.594	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.03	93	481666	18.104	ng/ul	100
27) 2,4-Dichlorophenol	10.26	162	347251	18.019	ng/ul	99
28) Naphthalene	10.66	128	1191319	18.545	ng/ul	100
30) 4-Chloroaniline	10.78	127	365046	16.946	ng/ul	100
31) Hexachlorobutadiene	10.95	225	275393	20.075	ng/ul	99
32) Caprolactam	11.52	113	89260	14.217	ng/ul	98
33) 4-Chloro-3-methylphenol	11.90	107	308184	15.868	ng/ul	99
34) 2-Methylnaphthalene	12.28	142	788252	17.788	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.50	142	903520	17.515 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.65	216	456468	20.421 ng/ul	100
38) Hexachlorocyclopentadiene	12.63	237	229453	17.972 ng/ul	98
39) 2,4,6-Trichlorophenol	12.89	196	257447	18.598 ng/ul	96
40) 2,4,5-Trichlorophenol	12.96	196	264877	18.117 ng/ul	97
41) 1,1'-Biphenyl	13.30	154	991078	19.333 ng/ul	99
42) 2-Chloronaphthalene	13.34	162	791597	19.351 ng/ul	99
43) 2-Nitroaniline	13.54	65	174971	16.899 ng/ul	99
45) Dimethylphthalate	13.92	163	894218	17.768 ng/ul	100
46) 2,6-Dinitrotoluene	14.05	165	181635	17.321 ng/ul	100
48) Acenaphthylene	14.19	152	1134169	18.610 ng/ul	100
49) 3-Nitroaniline	14.37	138	131105	14.815 ng/ul	98
50) Acenaphthene	14.53	153	783999	18.362 ng/ul	99
51) 2,4-Dinitrophenol	14.59	184	111659	19.514 ng/ul	96
53) 4-Nitrophenol	14.69	109	97780	15.352 ng/ul	99
54) Dibenzofuran	14.87	168	1100607	18.306 ng/ul	100
55) 2,4-Dinitrotoluene	14.84	165	253609	16.863 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.10	232	218446	16.890 ng/ul	97
57) Diethylphthalate	15.29	149	870425	17.583 ng/ul	99
59) Fluorene	15.52	166	873341	17.927 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.52	204	478354	18.358 ng/ul	99
61) 4-Nitroaniline	15.54	138	133498	14.351 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.60	198	138245	16.188 ng/ul	95
65) N-Nitrosodiphenylamine	15.73	169	708848	18.814 ng/ul	100
66) 4-Bromophenyl-phenylether	16.42	248	295496	19.464 ng/ul	99
67) Hexachlorobenzene	16.53	284	329838	18.725 ng/ul	98
68) Atrazine	16.69	200	258285	18.176 ng/ul	99
69) Pentachlorophenol	16.88	266	146037	15.766 ng/ul	99
70) Phenanthrene	17.27	178	1352582	18.573 ng/ul	100
72) Anthracene	17.36	178	1375810	18.864 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.26	216	442377	21.788 ng/uL	100
74) Pentachlorobenzene	14.79	250	408967	20.334 ng/uL	98
75) Carbazole	17.63	167	1118149	18.543 ng/ul	99
76) Di-n-butylphthalate	18.19	149	1405483	18.556 ng/ul	100
77) Fluoranthene	19.25	202	1570902	19.016 ng/ul	99
80) Pyrene	19.60	202	1627413	18.338 ng/ul	100
81) Butylbenzylphthalate	20.47	149	618216	18.247 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.24	252	405980	15.012 ng/ul	98
83) Benzo(a)anthracene	21.31	228	1627933	18.535 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.23	149	951699	18.991 ng/ul	100
85) Chrysene	21.36	228	1582895	18.666 ng/ul	99
87) Di-n-octyl phthalate	22.15	149	1636473	18.696 ng/ul	100
88) Benzo(b)fluoranthene	22.96	252	1762400	18.200 ng/ul	100
89) Benzo(k)fluoranthene	23.01	252	1763171	18.767 ng/ul	99
91) Benzo(a)pyrene	23.57	252	1672370	18.724 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.10	276	2223745	19.705 ng/ul	99
93) Dibenzo(a,h)anthracene	26.12	278	1839268	19.569 ng/ul	100
94) Benzo(g,h,i)perylene	26.84	276	1871094	19.763 ng/ul	99

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

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