Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004267.D
Acq On : 14 Dec 2020 10:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02087

Quant Time: Dec 14 11:54:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	278797	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1179211	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	754625	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.24	188	1663013	20.00	ng/ul	0.01
78) Chrysene-d12	21.34	240	1754821	20.00	ng/ul	0.02
86) Perylene-d12	23.70	264	1965532	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	54453	6.86	ng/uL	0.00
5) Phenol-d5	7.00	99	442718	19.20	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	241993	16.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	354705	20.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	354895	20.36	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	178310	18.46	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	193294	24.27	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	368703	21.05	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	400966	18.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1059835	18.38	ng/ul	0.01
47) Acenaphthylene-d8	14.17	160	1325323	18.00	ng/ul	0.01
52) 4-Nitrophenol-d4	14.68	143	196003	20.12	ng/ul	0.02
58) Fluorene-d10	15.48	176	942584	18.05	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	156369	19.60	ng/ul	0.02
71) Anthracene-d10	17.34	188	1474293	18.19	ng/ul	0.01
79) Pyrene-d10	19.59	212	1685321	18.44	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.55	264	1868705	18.05	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	64370	7.805	ng/uL	95
4) Benzaldehyde	6.97	77	147300	12.161	ng/ul	97
6) Phenol	7.03	94	445629	18.506	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.26	93	349008	17.582	ng/ul	98
10) 2-Chlorophenol	7.40	128	351866	19.175	ng/ul	97
11) 2-Methylphenol	8.27	108	343763	19.791	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.37	45	393061	16.564	ng/ul	98
14) Acetophenone	8.66	105	537651	19.514	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.64	70	260150	19.489	ng/ul	98
16) 4-Methylphenol	8.60	108	367964	19.793	ng/ul	98
17) Hexachloroethane	8.92	117	147854	17.544	ng/ul	95
20) Nitrobenzene	9.03	77	408652	17.137	ng/ul	98
21) Isophorone	9.56	82	777513	19.314	ng/ul	99
23) 2-Nitrophenol	9.75	139	200303	21.992	ng/ul	98
24) 2,4-Dimethylphenol	9.80	107	401862	19.551	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	476859	17.392	ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	351318	19.768	ng/ul	99
28) Naphthalene	10.69	128	1172353	17.537	ng/ul	98
30) 4-Chloroaniline	10.79	127	382656	18.129	ng/ul	99
31) Hexachlorobutadiene	10.97	225	247093	17.997	ng/ul	99
32) Caprolactam	11.54	113	121993	23.906	ng/ul	89
33) 4-Chloro-3-methylphenol	11.92	107	364699	21.826	ng/ul	99
34) 2-Methylnaphthalene	12.30	142	815962	18.142	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	12.52	142	956066	18.306 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.67	216	461565	16.793 ng/ul	99
38) Hexachlorocyclopentadiene	12.65	237	247316	15.682 ng/ul	99
39) 2,4,6-Trichlorophenol	12.91	196	292003	22.013 ng/ul	99
40) 2,4,5-Trichlorophenol	12.98	196	306130	20.641 ng/ul	98
41) 1,1'-Biphenyl	13.32	154	1075967	17.002 ng/ul	98
42) 2-Chloronaphthalene	13.36	162	856809	16.981 ng/ul	99
43) 2-Nitroaniline	13.56	65	223365	20.290 ng/ul	95
45) Dimethylphthalate	13.94	163	1057454	18.001 ng/ul	99
46) 2,6-Dinitrotoluene	14.06	165	219236	20.042 ng/ul	92
48) Acenaphthylene	14.20	152	1295338	17.731 ng/ul	100
49) 3-Nitroaniline	14.38	138	179031	18.488 ng/ul	96
50) Acenaphthene	14.55	153	902545	17.449 ng/ul	100
51) 2,4-Dinitrophenol	14.60	184	93853	19.838 ng/ul	96
53) 4-Nitrophenol	14.69	109	142030	19.756 ng/ul	99
54) Dibenzofuran	14.89	168	1272826	17.465 ng/ul	98
55) 2,4-Dinitrotoluene	14.85	165	314796	20.277 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.11	232	274579	22.697 ng/ul	100
57) Diethylphthalate	15.31	149	1049205	19.029 ng/ul	99
59) Fluorene	15.54	166	1045114	17.929 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.53	204	553942	17.924 ng/ul	99
61) 4-Nitroaniline	15.55	138	194745	18.913 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.62	198	173860	20.074 ng/ul	98
65) N-Nitrosodiphenylamine	15.75	169	889125	17.975 ng/ul	99
66) 4-Bromophenyl-phenylether	16.43	248	351640	18.182 ng/ul	98
67) Hexachlorobenzene	16.55	284	411172	17.733 ng/ul	97
68) Atrazine	16.70	200	343426	20.008 ng/ul	99
69) Pentachlorophenol	16.89	266	214748	20.135 ng/ul	99
70) Phenanthrene	17.29	178	1698910	17.316 ng/ul	100
72) Anthracene	17.38	178	1733328	17.857 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.28	216	462405	16.574 ng/uL	99
74) Pentachlorobenzene	14.80	250	460868	17.085 ng/uL	100
75) Carbazole	17.65	167	1514018	19.167 ng/ul	99
76) Di-n-butylphthalate	18.21	149	1809731	21.504 ng/ul	100
77) Fluoranthene	19.26	202	2095037	19.998 ng/ul	97
80) Pyrene	19.62	202	2152655	18.186 ng/ul	97
81) Butylbenzylphthalate	20.49	149	837961	25.648 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.26	252	591428	19.470 ng/ul	98
83) Benzo(a)anthracene	21.32	228	2076768	17.954 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	1213437	22.935 ng/ul	100
85) Chrysene	21.37	228	2000006	17.625 ng/ul	100
87) Di-n-octyl phthalate	22.17	149	2087489	22.450 ng/ul	100
88) Benzo(b)fluoranthene	22.99	252	2200913	17.657 ng/ul	99
89) Benzo(k)fluoranthene	23.03	252	2134577	16.675 ng/ul	100
91) Benzo(a)pyrene	23.60	252	2037338	17.515 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.14	276	2619952	17.961 ng/ul	98
93) Dibenzo(a,h)anthracene	26.14	278	2200824	18.002 ng/ul	99
94) Benzo(g,h,i)perylene	26.87	276	2198969	17.969 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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