Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
Data File : BP001794.D
Acq On : 20 Feb 2020 00:31
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02085

Quant Time: Feb 20 01:03:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 20 00:58:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	418243	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1712641	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1056390	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2308995	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	2213333	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2394946	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	75439	7.49	ng/uL	0.00
5) Phenol-d5	6.83	99	672169	21.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	371942	20.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	569347	22.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	540705	21.57	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	262272	22.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	264419	25.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	570248	22.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	659715	22.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1588514	21.43	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2013307	22.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	286031	22.16	ng/ul	0.00
58) Fluorene-d10	15.29	176	1438460	21.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	132283	14.53	ng/ul	0.00
71) Anthracene-d10	17.14	188	2184324	21.47	ng/ul	0.00
79) Pyrene-d10	19.39	212	2431142	21.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	2572255	22.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	83013	7.686	ng/uL	97
4) Benzaldehyde	6.80	77	438848	22.685	ng/ul	99
6) Phenol	6.86	94	707587	21.128	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.09	93	557172	20.631	ng/ul	98
10) 2-Chlorophenol	7.23	128	589506	21.820	ng/ul	99
11) 2-Methylphenol	8.10	108	543236	21.425	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.20	45	651150	20.236	ng/ul	99
14) Acetophenone	8.47	105	830654	21.445	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	399306	22.235	ng/ul	99
16) 4-Methylphenol	8.43	108	587252	21.511	ng/ul	100
17) Hexachloroethane	8.73	117	231061	21.500	ng/ul	95
20) Nitrobenzene	8.85	77	615458	21.416	ng/ul	96
21) Isophorone	9.37	82	1172437	22.196	ng/ul	99
23) 2-Nitrophenol	9.55	139	302406	24.071	ng/ul	99
24) 2,4-Dimethylphenol	9.62	107	611873	21.686	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.86	93	738079	20.648	ng/ul	100
27) 2,4-Dichlorophenol	10.08	162	562340	21.976	ng/ul	99
28) Naphthalene	10.48	128	1900369	20.764	ng/ul	99
30) 4-Chloroaniline	10.59	127	658403	22.092	ng/ul	99
31) Hexachlorobutadiene	10.79	225	384216	21.234	ng/ul	99
32) Caprolactam	11.32	113	176708	22.857	ng/ul	94
33) 4-Chloro-3-methylphenol	11.72	107	553372	22.712	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	1323646	20.981	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	1309275	21.058	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	723224	21.019	ng/ul	98
38) Hexachlorocyclopentadiene	12.47	237	354189	19.057	ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	444286	24.158	ng/ul	98
40) 2,4,5-Trichlorophenol	12.79	196	482641	23.836	ng/ul	99
41) 1,1'-Biphenyl	13.12	154	1725761	20.955	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	1365539	21.000	ng/ul	100
43) 2-Nitroaniline	13.36	65	311379	23.855	ng/ul	96
45) Dimethylphthalate	13.76	163	1660997	21.288	ng/ul	100
46) 2,6-Dinitrotoluene	13.86	165	326552	24.015	ng/ul	95
48) Acenaphthylene	14.01	152	2153825	21.749	ng/ul	99
49) 3-Nitroaniline	14.19	138	319425	23.073	ng/ul	96
50) Acenaphthene	14.36	153	1429132	21.119	ng/ul	100
51) 2,4-Dinitrophenol	14.40	184	76188	13.502	ng/ul	95
53) 4-Nitrophenol	14.50	109	208588	21.825	ng/ul	95
54) Dibenzofuran	14.69	168	2014142	21.134	ng/ul	100
55) 2,4-Dinitrotoluene	14.66	165	469557	23.453	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.92	232	412016	25.177	ng/ul	99
57) Diethylphthalate	15.13	149	1629907	21.847	ng/ul	99
59) Fluorene	15.35	166	1634824	21.563	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.35	204	834972	21.222	ng/ul	98
61) 4-Nitroaniline	15.36	138	369308	23.627	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.42	198	147935	14.572	ng/ul	97
65) N-Nitrosodiphenylamine	15.56	169	1397965	21.117	ng/ul	100
66) 4-Bromophenyl-phenylether	16.25	248	534917	21.107	ng/ul	99
67) Hexachlorobenzene	16.36	284	608006	20.789	ng/ul	99
68) Atrazine	16.52	200	521308	21.842	ng/ul	98
69) Pentachlorophenol	16.70	266	324814	22.939	ng/ul	99
70) Phenanthrene	17.09	178	2654083	20.843	ng/ul	100
72) Anthracene	17.17	178	2682455	21.326	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	769470	20.328	ng/uL	97
74) Pentachlorobenzene	14.62	250	755309	20.472	ng/uL	100
75) Carbazole	17.44	167	2362256	22.520	ng/ul	100
76) Di-n-butylphthalate	18.03	149	2807861	24.324	ng/ul	100
77) Fluoranthene	19.06	202	3184155	23.351	ng/ul	99
80) Pyrene	19.42	202	3208549	21.312	ng/ul	99
81) Butylbenzylphthalate	20.30	149	1259748	26.953	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.06	252	1089305	22.757	ng/ul	99
83) Benzo(a)anthracene	21.12	228	3010958	20.658	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	1855429	23.960	ng/ul	100
85) Chrysene	21.17	228	2898996	20.359	ng/ul	99
87) Di-n-octyl phthalate	21.94	149	3151164	26.272	ng/ul	100
88) Benzo(b)fluoranthene	22.69	252	3217413	22.831	ng/ul	100
89) Benzo(k)fluoranthene	22.73	252	2975733	20.371	ng/ul	100
91) Benzo(a)pyrene	23.25	252	2872750	21.752	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.59	276	3667845	22.233	ng/ul	100
93) Dibenzo(a,h)anthracene	25.60	278	3050065	22.013	ng/ul	99
94) Benzo(g,h,i)perylene	26.26	276	3085701	22.003	ng/ul	99

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

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