Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022920\
Data File : BP001967.D
Acq On : 29 Feb 2020 19:38
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02086

Quant Time: Mar 02 00:31:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 27 14:59:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	284151	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1147605	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	720745	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1576946	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1627414	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1763917	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	55827	8.45	ng/uL	0.00
5) Phenol-d5	6.82	99	452154	20.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	252356	21.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	396364	21.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	372425	20.91	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	184019	20.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	196949	19.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	404185	21.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	457499	21.84	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1158836	21.25	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	1420361	21.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	196804	18.87	ng/ul	0.00
58) Fluorene-d10	15.27	176	1024736	21.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	159126	18.30	ng/ul	0.00
71) Anthracene-d10	17.13	188	1557406	21.97	ng/ul	0.00
79) Pyrene-d10	19.37	212	1762857	20.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	1931776	21.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	59626	8.460	ng/uL	98
4) Benzaldehyde	6.79	77	289624	22.740	ng/ul	100
6) Phenol	6.85	94	478523	21.266	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.08	93	386559	21.892	ng/ul	100
10) 2-Chlorophenol	7.21	128	416660	21.675	ng/ul	99
11) 2-Methylphenol	8.09	108	370076	21.034	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.18	45	422246	22.402	ng/ul	99
14) Acetophenone	8.45	105	570859	21.734	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	269137	21.501	ng/ul	97
16) 4-Methylphenol	8.41	108	402777	21.430	ng/ul	100
17) Hexachloroethane	8.72	117	165144	21.622	ng/ul	97
20) Nitrobenzene	8.82	77	422099	21.489	ng/ul	97
21) Isophorone	9.35	82	782866	21.006	ng/ul	99
23) 2-Nitrophenol	9.53	139	222774	20.648	ng/ul	99
24) 2,4-Dimethylphenol	9.60	107	430378	21.398	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.84	93	510897	21.648	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	405503	21.350	ng/ul	99
28) Naphthalene	10.46	128	1333078	21.682	ng/ul	100
30) 4-Chloroaniline	10.57	127	464363	22.307	ng/ul	100
31) Hexachlorobutadiene	10.76	225	284809	21.740	ng/ul	100
32) Caprolactam	11.31	113	113152	18.136	ng/ul	93
33) 4-Chloro-3-methylphenol	11.70	107	389351	20.628	ng/ul	99
34) 2-Methylnaphthalene	12.08	142	935607	21.667	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	930019	21.691 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	526633	21.918 ng/ul	100
38) Hexachlorocyclopentadiene	12.45	237	290159	20.604 ng/ul	98
39) 2,4,6-Trichlorophenol	12.70	196	320468	20.276 ng/ul	99
40) 2,4,5-Trichlorophenol	12.77	196	351355	21.078 ng/ul	99
41) 1,1'-Biphenyl	13.11	154	1233630	22.003 ng/ul	100
42) 2-Chloronaphthalene	13.15	162	972622	21.945 ng/ul	99
43) 2-Nitroaniline	13.35	65	209015	19.805 ng/ul	99
45) Dimethylphthalate	13.74	163	1208288	21.460 ng/ul	100
46) 2,6-Dinitrotoluene	13.85	165	238569	20.879 ng/ul	98
48) Acenaphthylene	13.99	152	1520273	21.979 ng/ul	99
49) 3-Nitroaniline	14.17	138	221810	20.976 ng/ul	95
50) Acenaphthene	14.34	153	1013031	21.783 ng/ul	98
51) 2,4-Dinitrophenol	14.39	184	91691	14.052 ng/ul	96
53) 4-Nitrophenol	14.49	109	144689	19.213 ng/ul	96
54) Dibenzofuran	14.68	168	1436906	21.876 ng/ul	99
55) 2,4-Dinitrotoluene	14.64	165	348041	21.266 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.91	232	306386	20.066 ng/ul	100
57) Diethylphthalate	15.12	149	1178390	21.203 ng/ul	99
59) Fluorene	15.33	166	1154559	21.996 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.33	204	602825	21.794 ng/ul	97
61) 4-Nitroaniline	15.35	138	254865	23.008 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.41	198	177306	18.725 ng/ul	97
65) N-Nitrosodiphenylamine	15.55	169	988670	22.023 ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	388570	21.501 ng/ul	97
67) Hexachlorobenzene	16.35	284	446580	21.762 ng/ul	100
68) Atrazine	16.50	200	375969	21.207 ng/ul	99
69) Pentachlorophenol	16.69	266	237661	18.755 ng/ul	99
70) Phenanthrene	17.07	178	1900146	21.872 ng/ul	99
72) Anthracene	17.16	178	1910050	22.205 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	565259	22.312 ng/uL	99
74) Pentachlorobenzene	14.60	250	554975	22.184 ng/uL	100
75) Carbazole	17.43	167	1640450	22.649 ng/ul	99
76) Di-n-butylphthalate	18.02	149	1935464	20.846 ng/ul	100
77) Fluoranthene	19.05	202	2257658	22.527 ng/ul	100
80) Pyrene	19.40	202	2325990	20.992 ng/ul	100
81) Butylbenzylphthalate	20.29	149	843163	18.756 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.05	252	709331	19.090 ng/ul	98
83) Benzo(a)anthracene	21.11	228	2281467	20.721 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	1323493	20.059 ng/ul	99
85) Chrysene	21.16	228	2206434	21.005 ng/ul	99
87) Di-n-octyl phthalate	21.93	149	2196944	21.117 ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	2363747	21.368 ng/ul	99
89) Benzo(k)fluoranthene	22.72	252	2379392	21.974 ng/ul	100
91) Benzo(a)pyrene	23.23	252	2194423	21.852 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.56	276	2755436	21.170 ng/ul	100
93) Dibenzo(a,h)anthracene	25.57	278	2301455	21.386 ng/ul	99
94) Benzo(g,h,i)perylene	26.24	276	2313228	21.054 ng/ul	97

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

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