Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021320\
Data File : BP001739.D
Acq On : 13 Feb 2020 15:52
Operator : CG/JU
Sample : SSTD01078
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD01078

Quant Time: Feb 14 11:52:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 14 11:48:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	285964	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1275713	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.34	164	849646	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	1892689	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	2085354	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	2475309	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	25074	3.78	ng/uL	0.00
5) Phenol-d5	6.88	99	203680	9.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	138088	10.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	159548	9.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	161023	9.44	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	93312	11.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	64854	8.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	161726	8.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	189239	8.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	581443	10.08	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	749695	10.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	82319	8.00	ng/ul	0.00
58) Fluorene-d10	15.33	176	538768	10.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	48983	6.28	ng/ul	0.00
71) Anthracene-d10	17.19	188	838691	10.12	ng/ul	0.00
79) Pyrene-d10	19.43	212	940172	8.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1095621	9.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	27566	3.893	ng/uL	97
4) Benzaldehyde	6.85	77	160031	12.106	ng/ul	99
6) Phenol	6.91	94	226288	9.889	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.14	93	195516	10.677	ng/ul	98
10) 2-Chlorophenol	7.28	128	172783	9.335	ng/ul	96
11) 2-Methylphenol	8.15	108	168991	9.848	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.25	45	256301	11.463	ng/ul	98
14) Acetophenone	8.52	105	309891	11.808	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.51	70	152953	12.515	ng/ul	99
16) 4-Methylphenol	8.47	108	186902	10.040	ng/ul	97
17) Hexachloroethane	8.79	117	80147	10.810	ng/ul	99
20) Nitrobenzene	8.89	77	232948	11.048	ng/ul	100
21) Isophorone	9.42	82	429298	11.248	ng/ul	99
23) 2-Nitrophenol	9.60	139	80356	8.710	ng/ul	98
24) 2,4-Dimethylphenol	9.67	107	197102	9.373	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.90	93	274657	10.536	ng/ul	100
27) 2,4-Dichlorophenol	10.13	162	170939	8.896	ng/ul	99
28) Naphthalene	10.53	128	679588	10.121	ng/ul	100
30) 4-Chloroaniline	10.63	127	195707	9.110	ng/ul	100
31) Hexachlorobutadiene	10.84	225	127596	9.464	ng/ul	98
32) Caprolactam	11.38	113	51935	9.463	ng/ul	96
33) 4-Chloro-3-methylphenol	11.77	107	169768	9.477	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	483507	10.529	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.37	142	478260	10.531 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	260478	9.285 ng/ul	99
38) Hexachlorocyclopentadiene	12.52	237	141550	8.514 ng/ul	99
39) 2,4,6-Trichlorophenol	12.76	196	115354	7.576 ng/ul	96
40) 2,4,5-Trichlorophenol	12.83	196	130974	7.789 ng/ul	99
41) 1,1'-Biphenyl	13.17	154	639585	9.743 ng/ul	99
42) 2-Chloronaphthalene	13.20	162	509893	9.806 ng/ul	98
43) 2-Nitroaniline	13.40	65	115099	11.140 ng/ul	94
45) Dimethylphthalate	13.80	163	621688	10.153 ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	111420	10.468 ng/ul	97
48) Acenaphthylene	14.06	152	819497	10.427 ng/ul	99
49) 3-Nitroaniline	14.23	138	96257	9.027 ng/ul#	93
50) Acenaphthene	14.40	153	544126	10.025 ng/ul	99
51) 2,4-Dinitrophenol	14.44	184	24543	5.347 ng/ul	95
53) 4-Nitrophenol	14.54	109	72118	9.434 ng/ul	96
54) Dibenzofuran	14.74	168	787201	10.437 ng/ul	100
55) 2,4-Dinitrotoluene	14.69	165	166129	10.789 ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.97	232	109738	8.120 ng/ul	97
57) Diethylphthalate	15.17	149	600050	10.409 ng/ul	98
59) Fluorene	15.39	166	652131	10.781 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.39	204	332366	10.432 ng/ul	98
61) 4-Nitroaniline	15.39	138	130166	10.694 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.46	198	58071	6.688 ng/ul	98
65) N-Nitrosodiphenylamine	15.60	169	522452	9.552 ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	193166	9.225 ng/ul	99
67) Hexachlorobenzene	16.40	284	229795	9.446 ng/ul	98
68) Atrazine	16.56	200	167421	8.491 ng/ul	99
69) Pentachlorophenol	16.75	266	73923	6.014 ng/ul	97
70) Phenanthrene	17.13	178	1051429	10.127 ng/ul	100
72) Anthracene	17.22	178	1077100	10.509 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	275124	8.579 ng/uL	99
74) Pentachlorobenzene	14.66	250	283547	9.093 ng/uL	99
75) Carbazole	17.49	167	898472	10.512 ng/ul	99
76) Di-n-butylphthalate	18.07	149	854611	9.428 ng/ul	100
77) Fluoranthene	19.10	202	1210078	11.070 ng/ul	99
80) Pyrene	19.46	202	1340007	9.532 ng/ul	99
81) Butylbenzylphthalate	20.35	149	302211	6.977 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.10	252	271024	6.191 ng/ul	97
83) Benzo(a)anthracene	21.16	228	1363414	9.772 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.12	149	553304	7.749 ng/ul	99
85) Chrysene	21.22	228	1349751	9.639 ng/ul	99
87) Di-n-octyl phthalate	22.00	149	828909	6.850 ng/ul	100
88) Benzo(b)fluoranthene	22.75	252	1341687	9.203 ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	1476060	10.068 ng/ul	99
91) Benzo(a)pyrene	23.32	252	1329039	9.877 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.69	276	1660729	9.914 ng/ul	99
93) Dibenzo(a,h)anthracene	25.70	278	1413037	10.043 ng/ul	99
94) Benzo(g,h,i)perylene	26.37	276	1402021	9.955 ng/ul	99

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

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