Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030521\
Data File : BP004908.D
Acq On : 05 Mar 2021 10:05
Operator : CG/JU
Sample : SSTD01081
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD01081

Manual Integrations APPROVED
mohammad
3/8/2021 9:36:11 AM

Quant Time: Mar 05 11:22:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030521MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 05 11:17:24 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	35037	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	139496	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	93650	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	219642	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	258802	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	271910	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3526	3.96	ng/uL	0.00
5) Phenol-d5	6.91	99	24865	8.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	13781	9.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	20380	9.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	20374	8.96	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	10005	9.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	10556	9.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	21524	9.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	25499	10.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	66897	9.76	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	80912	9.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	9888	8.07	ng/ul	0.00
58) Fluorene-d10	15.39	176	60232	10.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.51	200	12277	8.57	ng/ul	0.00
71) Anthracene-d10	17.25	188	95582	9.60	ng/ul	0.00
79) Pyrene-d10	19.49	212	114107	9.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	134265	9.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	3277	3.382	ng/uL	92
4) Benzaldehyde	6.89	77	16611	11.391	ng/ul	92
6) Phenol	6.94	94	26478	8.828	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.17	93	19987	9.054	ng/ul	92
10) 2-Chlorophenol	7.30	128	21326	9.251	ng/ul	99
11) 2-Methylphenol	8.19	108	20335	9.090	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	21990	15.408	ng/ul	98
14) Acetophenone	8.56	105	34734	9.241	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.55	70	16388	9.013	ng/ul	91
16) 4-Methylphenol	8.51	108	21908	9.102	ng/ul	96
17) Hexachloroethane	8.82	117	9544	9.403	ng/ul	95
20) Nitrobenzene	8.94	77	26368	9.571	ng/ul	95
21) Isophorone	9.46	82	42808	9.082	ng/ul	97
23) 2-Nitrophenol	9.65	139	11900	9.270	ng/ul	95
24) 2,4-Dimethylphenol	9.71	107	27329	9.589	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.95	93	26962	9.473	ng/ul	99
27) 2,4-Dichlorophenol	10.18	162	21280	9.586	ng/ul	97
28) Naphthalene	10.58	128	72415	9.809	ng/ul	99
30) 4-Chloroaniline	10.70	127	25900	10.189	ng/ul	96
31) Hexachlorobutadiene	10.86	225	17878	10.994	ng/ul	96
32) Caprolactam	11.48	113	5959m	8.263	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	23842	9.432	ng/ul	95
34) 2-Methylnaphthalene	12.20	142	51783	9.859	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	48978	9.596 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	32217	10.731 ng/ul	96
38) Hexachlorocyclopentadiene	12.55	237	18303	9.567 ng/ul	93
39) 2,4,6-Trichlorophenol	12.82	196	18710	9.950 ng/ul	93
40) 2,4,5-Trichlorophenol	12.89	196	20575	10.210 ng/ul	95
41) 1,1'-Biphenyl	13.22	154	69280	9.881 ng/ul	99
42) 2-Chloronaphthalene	13.26	162	54776	9.940 ng/ul	98
43) 2-Nitroaniline	13.47	65	13763	8.727 ng/ul	99
45) Dimethylphthalate	13.85	163	70074	9.950 ng/ul	97
46) 2,6-Dinitrotoluene	13.97	165	13033	9.254 ng/ul	96
48) Acenaphthylene	14.11	152	78920	9.827 ng/ul	98
49) 3-Nitroaniline	14.30	138	11189	8.701 ng/ul	98
50) Acenaphthene	14.46	153	57657	9.887 ng/ul	99
51) 2,4-Dinitrophenol	14.51	184	7069	7.805 ng/ul#	84
53) 4-Nitrophenol	14.62	109	11134	8.367 ng/ul	88
54) Dibenzofuran	14.79	168	85180	10.093 ng/ul	98
55) 2,4-Dinitrotoluene	14.76	165	19362	9.331 ng/ul#	90
56) 2,3,4,6-Tetrachlorophenol	15.02	232	19405	10.904 ng/ul#	94
57) Diethylphthalate	15.22	149	67888	9.532 ng/ul	98
59) Fluorene	15.45	166	70527	10.020 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.44	204	40134	10.826 ng/ul	93
61) 4-Nitroaniline	15.47	138	12755	8.682 ng/ul#	83
64) 4,6-Dinitro-2-methylphenol	15.52	198	12716	8.760 ng/ul#	93
65) N-Nitrosodiphenylamine	15.66	169	60534	9.386 ng/ul	98
66) 4-Bromophenyl-phenylether	16.34	248	24166	10.401 ng/ul	95
67) Hexachlorobenzene	16.45	284	28396	10.647 ng/ul	98
68) Atrazine	16.62	200	23145	9.156 ng/ul	96
69) Pentachlorophenol	16.80	266	14822	9.068 ng/ul	91
70) Phenanthrene	17.19	178	115044	9.637 ng/ul	98
72) Anthracene	17.28	178	117799	9.666 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	32234	9.857 ng/uL	96
74) Pentachlorobenzene	14.71	250	33472	10.509 ng/uL	95
75) Carbazole	17.56	167	98755	9.214 ng/ul	97
76) Di-n-butylphthalate	18.12	149	111279	8.783 ng/ul	99
77) Fluoranthene	19.17	202	139030	9.709 ng/ul	100
80) Pyrene	19.52	202	149463	9.350 ng/ul	99
81) Butylbenzylphthalate	20.40	149	49522	7.939 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.16	252	47320	8.779 ng/ul	99
83) Benzo(a)anthracene	21.23	228	156301	9.774 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.16	149	73759	7.914 ng/ul	97
85) Chrysene	21.27	228	152002	9.756 ng/ul	99
87) Di-n-octyl phthalate	22.04	149	129883	7.096 ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	166097	9.607 ng/ul	98
89) Benzo(k)fluoranthene	22.89	252	162439	9.501 ng/ul	99
91) Benzo(a)pyrene	23.43	252	146684	9.663 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.89	276	187757	9.664 ng/ul	98
93) Dibenzo(a,h)anthracene	25.90	278	159153	9.631 ng/ul	98
94) Benzo(g,h,i)perylene	26.62	276	156977	9.706 ng/ul	97

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

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