Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
Data File : BP004765.D
Acq On : 17 Feb 2021 10:41
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02005

Quant Time: Feb 17 12:31:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 15 12:16:19 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	55334	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	200786	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	114155	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	224511	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	222114	20.00	ng/ul	0.00
86) Perylene-d12	23.55	264	223308	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	10544	7.36	ng/uL	0.00
5) Phenol-d5	6.93	99	77493	17.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	41498	17.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	64126	19.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	58833	16.84	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	29034	20.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	31614	20.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	61644	20.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	70209	20.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	154000	18.58	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	203587	20.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	23413	16.17	ng/ul	0.00
58) Fluorene-d10	15.40	176	132996	18.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	26349	19.42	ng/ul	0.00
71) Anthracene-d10	17.26	188	197147	19.91	ng/ul	0.00
79) Pyrene-d10	19.50	212	212860	20.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	225091	19.92	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	10830	7.562	ng/uL	88
4) Benzaldehyde	6.90	77	51125	21.972	ng/ul	97
6) Phenol	6.96	94	79702	17.212	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.19	93	62447	18.278	ng/ul	98
10) 2-Chlorophenol	7.33	128	66697	18.832	ng/ul	93
11) 2-Methylphenol	8.20	108	58435	16.965	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.30	45	48414	18.203	ng/ul	96
14) Acetophenone	8.59	105	98989	17.222	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.57	70	46137	16.949	ng/ul	93
16) 4-Methylphenol	8.53	108	61877	16.663	ng/ul	99
17) Hexachloroethane	8.84	117	30093	19.391	ng/ul	97
20) Nitrobenzene	8.96	77	75444	19.555	ng/ul	99
21) Isophorone	9.49	82	122637	18.690	ng/ul	98
23) 2-Nitrophenol	9.67	139	35137	20.993	ng/ul	96
24) 2,4-Dimethylphenol	9.73	107	75530	18.666	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.97	93	73304	18.312	ng/ul	97
27) 2,4-Dichlorophenol	10.20	162	59621	19.402	ng/ul	92
28) Naphthalene	10.61	128	203261	19.666	ng/ul	97
30) 4-Chloroaniline	10.72	127	71686	20.411	ng/ul	98
31) Hexachlorobutadiene	10.89	225	48316	20.886	ng/ul	98
32) Caprolactam	11.48	113	15055	15.174	ng/ul	84
33) 4-Chloro-3-methylphenol	11.85	107	62306	17.435	ng/ul	97
34) 2-Methylnaphthalene	12.22	142	137750	18.488	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.45	142	131591	18.212 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.59	216	80069	21.422 ng/ul	99
38) Hexachlorocyclopentadiene	12.57	237	51259	21.103 ng/ul	95
39) 2,4,6-Trichlorophenol	12.83	196	45935	21.357 ng/ul	99
40) 2,4,5-Trichlorophenol	12.90	196	49020	20.735 ng/ul	97
41) 1,1'-Biphenyl	13.24	154	169842	20.182 ng/ul	99
42) 2-Chloronaphthalene	13.28	162	134525	20.319 ng/ul	98
43) 2-Nitroaniline	13.49	65	34133	18.970 ng/ul	92
45) Dimethylphthalate	13.87	163	158891	18.595 ng/ul	99
46) 2,6-Dinitrotoluene	13.99	165	32901	20.300 ng/ul	96
48) Acenaphthylene	14.13	152	190910	20.041 ng/ul	100
49) 3-Nitroaniline	14.32	138	28082	19.459 ng/ul	98
50) Acenaphthene	14.47	153	136925	19.372 ng/ul	99
51) 2,4-Dinitrophenol	14.52	184	15840	15.546 ng/ul	98
53) 4-Nitrophenol	14.62	109	26221	16.064 ng/ul	92
54) Dibenzofuran	14.81	168	194339	19.230 ng/ul	99
55) 2,4-Dinitrotoluene	14.77	165	44928	19.008 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.04	232	41710	19.618 ng/ul	99
57) Diethylphthalate	15.24	149	155074	18.084 ng/ul	98
59) Fluorene	15.46	166	156383	18.538 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.46	204	84457	18.510 ng/ul	95
61) 4-Nitroaniline	15.48	138	29310	17.282 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.54	198	26179	19.079 ng/ul#	96
65) N-Nitrosodiphenylamine	15.67	169	130506	20.367 ng/ul	99
66) 4-Bromophenyl-phenylether	16.36	248	49758	20.479 ng/ul	97
67) Hexachlorobenzene	16.47	284	54780	20.363 ng/ul	98
68) Atrazine	16.63	200	48378	18.772 ng/ul	98
69) Pentachlorophenol	16.81	266	32751	20.288 ng/ul	98
70) Phenanthrene	17.21	178	236476	19.772 ng/ul	99
72) Anthracene	17.30	178	241619	19.864 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.20	216	78060	23.552 ng/uL	99
74) Pentachlorobenzene	14.73	250	72708	22.416 ng/uL	92
75) Carbazole	17.57	167	198928	18.681 ng/ul	98
76) Di-n-butylphthalate	18.13	149	238994	19.908 ng/ul	99
77) Fluoranthene	19.18	202	266122	18.524 ng/ul	98
80) Pyrene	19.53	202	271353	20.115 ng/ul	99
81) Butylbenzylphthalate	20.40	149	101358	21.479 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.17	252	88291	20.006 ng/ul#	98
83) Benzo(a)anthracene	21.23	228	267665	20.120 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.16	149	149936	20.819 ng/ul	99
85) Chrysene	21.29	228	261394	19.818 ng/ul	98
87) Di-n-octyl phthalate	22.06	149	254484	18.659 ng/ul	100
88) Benzo(b)fluoranthene	22.85	252	268930	19.132 ng/ul	99
89) Benzo(k)fluoranthene	22.90	252	262530	19.187 ng/ul	99
91) Benzo(a)pyrene	23.45	252	244916	19.805 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.92	276	327454	20.829 ng/ul	98
93) Dibenzo(a,h)anthracene	25.93	278	272878	20.419 ng/ul	98
94) Benzo(g,h,i)perylene	26.64	276	274275	21.089 ng/ul	97

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

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