Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030321\
Data File : BP004894.D
Acq On : 03 Mar 2021 15:27
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD02082

Manual Integrations APPROVED
mohammad
3/4/2021 11:33:32 AM

Quant Time: Mar 03 15:57:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 03 10:35:24 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	29025	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	117575	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	77027	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.15	188	174145	20.00	ng/ul	-0.01
78) Chrysene-d12	21.24	240	204024	20.00	ng/ul	-0.01
86) Perylene-d12	23.54	264	201578	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	6138	8.32	ng/uL	0.00
5) Phenol-d5	6.92	99	46073	19.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	24745	20.19	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.28	132	37549	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	37125	19.71	ng/ul	-0.01
19) Nitrobenzene-d5	8.90	128	17738	20.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	19968	20.76	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.16	165	36999	20.34	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.68	131	47468	22.84	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	117088	20.78	ng/ul	-0.01
47) Acenaphthylene-d8	14.09	160	143381	20.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	20833	20.67	ng/ul	-0.01
58) Fluorene-d10	15.39	176	99974	20.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.51	200	22566	19.87	ng/ul	-0.01
71) Anthracene-d10	17.25	188	161859	20.49	ng/ul	0.00
79) Pyrene-d10	19.49	212	190717	19.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	210426	20.37	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	7209	8.981	ng/uL#	91
4) Benzaldehyde	6.89	77	31017	25.675	ng/ul	90
6) Phenol	6.95	94	49514	19.927	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.17	93	37140	20.310	ng/ul	95
10) 2-Chlorophenol	7.31	128	39135	20.492	ng/ul	97
11) 2-Methylphenol	8.19	108	36627	19.765	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.28	45	22830m	19.310	ng/ul	
14) Acetophenone	8.56	105	62775	20.161	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.55	70	30238	20.076	ng/ul#	97
16) 4-Methylphenol	8.52	108	39788	19.954	ng/ul	98
17) Hexachloroethane	8.82	117	16830	20.017	ng/ul	95
20) Nitrobenzene	8.94	77	48299	20.799	ng/ul#	92
21) Isophorone	9.47	82	81946	20.626	ng/ul	98
23) 2-Nitrophenol	9.65	139	21420	19.798	ng/ul	96
24) 2,4-Dimethylphenol	9.72	107	49792	20.728	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.95	93	48552	20.239	ng/ul	94
27) 2,4-Dichlorophenol	10.19	162	37635	20.114	ng/ul	97
28) Naphthalene	10.58	128	125542	20.177	ng/ul	97
30) 4-Chloroaniline	10.70	127	49401	23.057	ng/ul	99
31) Hexachlorobutadiene	10.87	225	27950	20.392	ng/ul	98
32) Caprolactam	11.49	113	11740m	19.315	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	44942	21.094	ng/ul	95
34) 2-Methylnaphthalene	12.20	142	90998	20.555	ng/ul	97

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35) 1-Methylnaphthalene	12.42	142	85911	19.970	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.58	216	51430	20.828	ng/ul	95
38) Hexachlorocyclopentadiene	12.55	237	30984	19.691	ng/ul#	93
39) 2,4,6-Trichlorophenol	12.82	196	31513	20.375	ng/ul	99
40) 2,4,5-Trichlorophenol	12.89	196	35196	21.235	ng/ul	97
41) 1,1'-Biphenyl	13.22	154	118683	20.579	ng/ul	99
42) 2-Chloronaphthalene	13.26	162	92469	20.400	ng/ul	98
43) 2-Nitroaniline	13.47	65	27264	21.019	ng/ul	95
45) Dimethylphthalate	13.85	163	117639	20.309	ng/ul	97
46) 2,6-Dinitrotoluene	13.97	165	24467	21.122	ng/ul	98
48) Acenaphthylene	14.11	152	137599	20.832	ng/ul	99
49) 3-Nitroaniline	14.30	138	24111	22.795	ng/ul	94
50) Acenaphthene	14.46	153	99466	20.738	ng/ul	98
51) 2,4-Dinitrophenol	14.51	184	15312	20.555	ng/ul	94
53) 4-Nitrophenol	14.62	109	23859	21.800	ng/ul	94
54) Dibenzofuran	14.79	168	143130	20.619	ng/ul	99
55) 2,4-Dinitrotoluene	14.76	165	36759	21.539	ng/ul#	94
56) 2,3,4,6-Tetrachlorophenol	15.02	232	31327	21.402	ng/ul	99
57) Diethylphthalate	15.22	149	123503	21.083	ng/ul	99
59) Fluorene	15.45	166	119343	20.614	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.44	204	62725	20.571	ng/ul	97
61) 4-Nitroaniline	15.47	138	26897	22.259	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.53	198	22854	19.858	ng/ul#	98
65) N-Nitrosodiphenylamine	15.66	169	105651	20.662	ng/ul	96
66) 4-Bromophenyl-phenylether	16.34	248	38598	20.952	ng/ul	95
67) Hexachlorobenzene	16.45	284	42908	20.291	ng/ul	95
68) Atrazine	16.62	200	40134	20.024	ng/ul	100
69) Pentachlorophenol	16.80	266	25134	19.395	ng/ul	98
70) Phenanthrene	17.19	178	190053	20.080	ng/ul	99
72) Anthracene	17.29	178	203126	21.023	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	51269	19.775	ng/uL	99
74) Pentachlorobenzene	14.71	250	51391	20.351	ng/uL	98
75) Carbazole	17.56	167	179806	21.160	ng/ul	99
76) Di-n-butylphthalate	18.12	149	214076	21.310	ng/ul	100
77) Fluoranthene	19.17	202	236197	20.805	ng/ul	99
80) Pyrene	19.52	202	250820	19.902	ng/ul	99
81) Butylbenzylphthalate	20.40	149	98475	20.026	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.16	252	90753	21.358	ng/ul	99
83) Benzo(a)anthracene	21.23	228	258415	20.498	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	150322	20.459	ng/ul	99
85) Chrysene	21.27	228	251262	20.457	ng/ul	100
87) Di-n-octyl phthalate	22.05	149	256264	18.885	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	260109	20.294	ng/ul	99
89) Benzo(k)fluoranthene	22.89	252	260678	20.568	ng/ul	98
91) Benzo(a)pyrene	23.44	252	229512	20.395	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.90	276	292352	20.299	ng/ul	96
93) Dibenzo(a,h)anthracene	25.91	278	246165	20.094	ng/ul	98
94) Benzo(g,h,i)perylene	26.62	276	242106	20.192	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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