Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030321\
Data File : BP004905.D
Acq On : 03 Mar 2021 21:39
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD02083

Manual Integrations APPROVED
mohammad
3/4/2021 11:33:50 AM

Quant Time: Mar 04 05:20:32 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	28980	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	114883	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	77460	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.15	188	178653	20.00	ng/ul	-0.01
78) Chrysene-d12	21.24	240	196174	20.00	ng/ul	-0.01
86) Perylene-d12	23.54	264	199708	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	5971	8.11	ng/uL	0.00
5) Phenol-d5	6.92	99	45648	19.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	24729	20.21	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.28	132	37615	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	36827	19.58	ng/ul	-0.01
19) Nitrobenzene-d5	8.90	128	17382	20.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	19686	20.95	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.16	165	38249	21.53	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.67	131	48168	23.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	119533	21.09	ng/ul	-0.01
47) Acenaphthylene-d8	14.08	160	144883	20.88	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.60	143	20362	20.09	ng/ul	-0.01
58) Fluorene-d10	15.39	176	103259	21.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.51	200	22533m	19.34	ng/ul	-0.01
71) Anthracene-d10	17.25	188	160805m	19.85	ng/ul	0.00
79) Pyrene-d10	19.49	212	188899	20.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	204855	20.01	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	6327	7.894	ng/uL	91
4) Benzaldehyde	6.89	77	30663	25.422	ng/ul	96
6) Phenol	6.94	94	49714	20.039	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.17	93	35448	19.415	ng/ul	98
10) 2-Chlorophenol	7.30	128	39360	20.642	ng/ul	97
11) 2-Methylphenol	8.19	108	35716	19.303	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.27	45	23030	19.509	ng/ul	95
14) Acetophenone	8.56	105	61453	19.767	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.55	70	30231	20.102	ng/ul	96
16) 4-Methylphenol	8.52	108	39956	20.069	ng/ul	93
17) Hexachloroethane	8.81	117	17681	21.062	ng/ul	93
20) Nitrobenzene	8.94	77	47450	20.913	ng/ul	93
21) Isophorone	9.46	82	81034	20.875	ng/ul	98
23) 2-Nitrophenol	9.65	139	21573	20.406	ng/ul	92
24) 2,4-Dimethylphenol	9.72	107	49095	20.916	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.95	93	48466	20.676	ng/ul	97
27) 2,4-Dichlorophenol	10.18	162	38011	20.791	ng/ul	97
28) Naphthalene	10.58	128	124627	20.499	ng/ul	100
30) 4-Chloroaniline	10.70	127	49188	23.495	ng/ul	99
31) Hexachlorobutadiene	10.87	225	27698	20.682	ng/ul	97
32) Caprolactam	11.47	113	11644m	19.606	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	44625	21.436	ng/ul	95
34) 2-Methylnaphthalene	12.20	142	89394	20.666	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	87787	20.884	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	51094	20.576	ng/ul	96
38) Hexachlorocyclopentadiene	12.55	237	31530	19.926	ng/ul	97
39) 2,4,6-Trichlorophenol	12.82	196	31755	20.417	ng/ul#	93
40) 2,4,5-Trichlorophenol	12.89	196	34883	20.928	ng/ul	95
41) 1,1'-Biphenyl	13.22	154	119008	20.520	ng/ul	100
42) 2-Chloronaphthalene	13.26	162	91941	20.171	ng/ul	97
43) 2-Nitroaniline	13.47	65	26880	20.607	ng/ul	95
45) Dimethylphthalate	13.85	163	121403	20.842	ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	24772	21.266	ng/ul	98
48) Acenaphthylene	14.11	152	136361	20.529	ng/ul	98
49) 3-Nitroaniline	14.30	138	23526	22.118	ng/ul	95
50) Acenaphthene	14.46	153	100877	20.914	ng/ul	99
51) 2,4-Dinitrophenol	14.51	184	14853	19.827	ng/ul	91
53) 4-Nitrophenol	14.62	109	23612	21.454	ng/ul	96
54) Dibenzofuran	14.79	168	143221	20.517	ng/ul	99
55) 2,4-Dinitrotoluene	14.76	165	36614	21.334	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.02	232	31883	21.660	ng/ul	100
57) Diethylphthalate	15.22	149	126765	21.519	ng/ul	98
59) Fluorene	15.45	166	119180	20.471	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.45	204	63851	20.823	ng/ul	98
61) 4-Nitroaniline	15.47	138	26472	21.785	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.53	198	22963	19.449	ng/ul#	99
65) N-Nitrosodiphenylamine	15.66	169	106784	20.357	ng/ul	99
66) 4-Bromophenyl-phenylether	16.34	248	39035	20.654	ng/ul	98
67) Hexachlorobenzene	16.45	284	43496	20.050	ng/ul#	92
68) Atrazine	16.62	200	41770	20.315	ng/ul	99
69) Pentachlorophenol	16.80	266	26722	20.100	ng/ul	97
70) Phenanthrene	17.19	178	195626	20.147	ng/ul	99
72) Anthracene	17.28	178	200904	20.268	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	50520	18.994	ng/uL	97
74) Pentachlorobenzene	14.71	250	52263	20.174	ng/uL	98
75) Carbazole	17.56	167	176995	20.303	ng/ul	98
76) Di-n-butylphthalate	18.12	149	221687	21.511	ng/ul	98
77) Fluoranthene	19.17	202	238245	20.456	ng/ul	99
80) Pyrene	19.52	202	252953	20.875	ng/ul	99
81) Butylbenzylphthalate	20.40	149	99785	21.104	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.16	252	89252	21.845	ng/ul	99
83) Benzo(a)anthracene	21.23	228	253907	20.947	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	149038	21.096	ng/ul	100
85) Chrysene	21.27	228	249145	21.096	ng/ul	99
87) Di-n-octyl phthalate	22.04	149	257158	19.128	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	255885	20.151	ng/ul	100
89) Benzo(k)fluoranthene	22.89	252	256715	20.445	ng/ul	99
91) Benzo(a)pyrene	23.44	252	224634	20.148	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.89	276	284104	19.911	ng/ul	97
93) Dibenzo(a,h)anthracene	25.91	278	240342	19.803	ng/ul	99
94) Benzo(g,h,i)perylene	26.61	276	236392	19.900	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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