Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011521\
Data File : BG047926.D
Acq On : 15 Jan 2021 15:39
Operator : CG/JU
Sample : SSTD04002
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD040002

Manual Integrations APPROVED
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Quant Time: Jan 15 16:18:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG011521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 15:35:35 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	79520	20.00	ng/ul	0.00
20) Naphthalene-d8	10.97	136	323008	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.78	164	220137	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.52	188	545388	20.00	ng/ul	0.00
79) Chrysene-d12	21.80	240	538253	20.00	ng/ul	0.00
88) Perylene-d12	25.11	264	563622	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.56	96	34508	15.21	ng/uL	0.00
4) Pyridine-d5	3.98	84	253097	41.97	ng/ul	0.00
7) Phenol-d5	7.29	99	273616	39.92	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.47	67	178692	41.02	ng/ul	0.00
11) 2-Chlorophenol-d4	7.68	132	210460	40.21	ng/ul	0.00
15) 4-Methylphenol-d8	8.85	113	221006	40.81	ng/ul	0.00
21) Nitrobenzene-d5	9.32	128	96865	47.99	ng/ul	0.00
24) 2-Nitrophenol-d4	10.04	143	99486	46.58	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.58	165	235336	40.95	ng/ul	0.00
31) 4-Chloroaniline-d4	11.10	131	305067	39.77	ng/ul	0.00
46) Dimethylphthalate-d6	14.18	166	721507	39.74	ng/ul	0.00
49) Acenaphthylene-d8	14.47	160	833375	38.83	ng/ul	0.00
54) 4-Nitrophenol-d4	14.95	143	122117	45.69	ng/ul	0.00
60) Fluorene-d10	15.77	176	638426	39.41	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.87	200	108844	44.54	ng/ul	0.00
73) Anthracene-d10	17.62	188	1008346	38.59	ng/ul	0.00
81) Pyrene-d10	19.89	212	1197297	40.88	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.89	264	1256463	40.23	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	37762	15.916	ng/uL	97
5) Pyridine	3.99	79	259009	42.377	ng/ul	96
6) Benzaldehyde	7.28	77	159226	51.353	ng/ul	97
8) Phenol	7.32	94	277322	40.061	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.57	93	219040	41.014	ng/ul	97
12) 2-Chlorophenol	7.71	128	204963	39.683	ng/ul	98
13) 2-Methylphenol	8.58	108	214354	40.263	ng/ul	94
14) 2,2'-oxybis(1-Chloropropan	8.68	45	327669	40.826	ng/ul	99
16) Acetophenone	8.98	105	331168	39.782	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.96	70	188262	38.775	ng/ul	93
18) 4-Methylphenol	8.91	108	226266	40.942	ng/ul	99
19) Hexachloroethane	9.25	117	91689	40.060	ng/ul	87
22) Nitrobenzene	9.36	77	281716	46.526	ng/ul	99
23) Isophorone	9.89	82	550928	38.871	ng/ul	99
25) 2-Nitrophenol	10.07	139	114094	47.506	ng/ul	94
26) 2,4-Dimethylphenol	10.12	107	259745	38.909	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.37	93	305147	40.296	ng/ul	99
29) 2,4-Dichlorophenol	10.60	162	213503	40.621	ng/ul	96
30) Naphthalene	11.02	128	686253	39.548	ng/ul	98
32) 4-Chloroaniline	11.12	127	283060	40.343	ng/ul	95
33) Hexachlorobutadiene	11.31	225	185088	38.876	ng/ul	98
34) Caprolactam	11.88	113	79373m	40.765	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.22	107	243873	41.026	ng/ul	99
36) 2-Methylnaphthalene	12.61	142	513800	39.646	ng/ul	96
37) 1-Methylnaphthalene	12.83	142	491789	39.710	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	322840	38.653	ng/ul	98
40) Hexachlorocyclopentadiene	12.96	237	190096	37.500	ng/ul	94
41) 2,4,6-Trichlorophenol	13.21	196	203190	41.285	ng/ul	94
42) 2,4,5-Trichlorophenol	13.28	196	220267	42.329	ng/ul	96
43) 1,1'-Biphenyl	13.61	154	666436	38.701	ng/ul	99
44) 2-Chloronaphthalene	13.66	162	515084	38.430	ng/ul	98
45) 2-Nitroaniline	13.85	65	163330	51.752	ng/ul	90
47) Dimethylphthalate	14.22	163	723585	39.020	ng/ul	99
48) 2,6-Dinitrotoluene	14.34	165	145957	52.658	ng/ul	91
50) Acenaphthylene	14.50	152	800165	38.838	ng/ul	99
51) 3-Nitroaniline	14.66	138	126791	52.095	ng/ul	93
52) Acenaphthene	14.84	153	591708	39.477	ng/ul	98
53) 2,4-Dinitrophenol	14.87	184	73468	42.557	ng/ul#	60
55) 4-Nitrophenol	14.96	109	123647	43.637	ng/ul	95
56) Dibenzofuran	15.17	168	794539	39.180	ng/ul	97
57) 2,4-Dinitrotoluene	15.12	165	201808	52.496	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.39	232	205356	43.212	ng/ul	93
59) Diethylphthalate	15.59	149	737502	39.898	ng/ul	100
61) Fluorene	15.82	166	672332	39.103	ng/ul	96
62) 4-Chlorophenyl-phenylether	15.81	204	390279	39.542	ng/ul	99
63) 4-Nitroaniline	15.83	138	130485	52.832	ng/ul	91
66) 4,6-Dinitro-2-methylphenol	15.89	198	117416	43.396	ng/ul#	89
67) N-Nitrosodiphenylamine	16.02	169	610736	38.664	ng/ul	99
68) 4-Bromophenyl-phenylether	16.71	248	267841	39.846	ng/ul	96
69) Hexachlorobenzene	16.82	284	271851	39.551	ng/ul	99
70) Atrazine	16.97	200	268581	40.457	ng/ul	99
71) Pentachlorophenol	17.16	266	175023	41.862	ng/ul	96
72) Phenanthrene	17.56	178	1155811	39.134	ng/ul	97
74) Anthracene	17.65	178	1152496	39.034	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.58	216	335853	39.094	ng/uL	96
76) Pentachlorobenzene	15.09	250	325029	38.821	ng/uL	98
77) Carbazole	17.91	167	1017662	41.842	ng/ul	97
78) Di-n-butylphthalate	18.48	149	1251554	39.161	ng/ul	98
80) Fluoranthene	19.56	202	1518882	41.076	ng/ul	98
82) Pyrene	19.92	202	1449272	39.881	ng/ul	97
83) Butylbenzylphthalate	20.81	149	563450	44.075	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.69	252	524514	41.958	ng/ul	98
85) Benzo(a)anthracene	21.78	228	1487105	39.504	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.70	149	793146	41.818	ng/ul	99
87) Chrysene	21.85	228	1427172	39.429	ng/ul	96
89) Di-n-octyl phthalate	22.95	149	1343709	41.972	ng/ul	100
90) Benzo(b)fluoranthene	24.06	252	1580470	40.664	ng/ul	97
91) Benzo(k)fluoranthene	24.13	252	1450860	38.072	ng/ul	96
93) Benzo(a)pyrene	24.96	252	1377943	39.325	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.91	276	1741679	40.248	ng/ul	99
95) Dibenzo(a,h)anthracene	28.98	278	1418010	40.145	ng/ul	99
96) Benzo(g,h,i)perylene	30.08	276	1444059	40.553	ng/ul	99

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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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