Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092820\
Data File : BG046716.D
Acq On : 28 Sep 2020 11:57
Operator : CG/JU
Sample : SSTD02003
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD020033

Manual Integrations APPROVED
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9/29/2020 3:26:15 PM

Quant Time: Sep 28 12:43:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM01-EPA-BG092820.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 12:38:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	74769	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	304366	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	219058	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	516771	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	542277	20.00	ng/ul	0.00
86) Perylene-d12	25.04	264	542287	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	10254	5.80	ng/uL	0.00
5) Phenol-d5	7.26	99	114767	17.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	73448	16.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	83523	17.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	89462	16.29	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	33796	15.15	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	34054	13.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	92767	19.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	115900	21.03	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	280914	17.35	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	339743	17.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	40876	13.33	ng/ul	0.00
58) Fluorene-d10	15.73	176	267410	18.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	33487	10.09	ng/ul	0.00
71) Anthracene-d10	17.58	188	407804	17.38	ng/ul	0.00
79) Pyrene-d10	19.86	212	497578	16.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.81	264	493869	18.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	13235	7.011	ng/uL	100
4) Benzaldehyde	7.25	77	87174	23.016	ng/ul	100
6) Phenol	7.29	94	120588	17.333	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.53	93	94973	17.062	ng/ul	100
10) 2-Chlorophenol	7.68	128	85494	17.226	ng/ul	100
11) 2-Methylphenol	8.55	108	91351	17.379	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.64	45	155714	11.783	ng/ul	100
14) Acetophenone	8.93	105	150260	17.346	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.92	70	81776	16.928	ng/ul	100
16) 4-Methylphenol	8.88	108	92505	15.918	ng/ul	100
17) Hexachloroethane	9.21	117	39614	17.457	ng/ul	100
20) Nitrobenzene	9.32	77	101211	16.166	ng/ul	100
21) Isophorone	9.84	82	221831	18.441	ng/ul	100
23) 2-Nitrophenol	10.03	139	37898	14.223	ng/ul	100
24) 2,4-Dimethylphenol	10.09	107	110104	18.661	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.33	93	129051	17.829	ng/ul	100
27) 2,4-Dichlorophenol	10.56	162	89457	19.155	ng/ul	100
28) Naphthalene	10.98	128	290268	17.960	ng/ul	100
30) 4-Chloroaniline	11.08	127	116712	21.262	ng/ul	100
31) Hexachlorobutadiene	11.27	225	77874	25.658	ng/ul	100
32) Caprolactam	11.84	113	30663m	18.163	ng/ul	
33) 4-Chloro-3-methylphenol	12.18	107	98248	17.054	ng/ul	100
34) 2-Methylnaphthalene	12.58	142	215196	18.850	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	206893	17.755	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	136451	21.599	ng/ul	100
38) Hexachlorocyclopentadiene	12.92	237	83132	21.043	ng/ul	100
39) 2,4,6-Trichlorophenol	13.17	196	77662	18.914	ng/ul	100
40) 2,4,5-Trichlorophenol	13.24	196	82557	18.712	ng/ul	100
41) 1,1'-Biphenyl	13.58	154	291401	17.812	ng/ul	100
42) 2-Chloronaphthalene	13.62	162	230448	17.966	ng/ul	100
43) 2-Nitroaniline	13.81	65	52251	10.863	ng/ul	100
45) Dimethylphthalate	14.19	163	292111	17.558	ng/ul	100
46) 2,6-Dinitrotoluene	14.30	165	44528	13.336	ng/ul	100
48) Acenaphthylene	14.46	152	340545	16.468	ng/ul	100
49) 3-Nitroaniline	14.63	138	46724	15.775	ng/ul	100
50) Acenaphthene	14.80	153	239333	17.212	ng/ul	100
51) 2,4-Dinitrophenol	14.83	184	21854	10.458	ng/ul	100
53) 4-Nitrophenol	14.92	109	40761	15.470	ng/ul	100
54) Dibenzofuran	15.14	168	354702	18.430	ng/ul	100
55) 2,4-Dinitrotoluene	15.09	165	62366	12.826	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.36	232	78079	20.212	ng/ul	100
57) Diethylphthalate	15.55	149	289996	16.750	ng/ul	100
59) Fluorene	15.78	166	282333	17.420	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.78	204	160972	19.912	ng/ul	100
61) 4-Nitroaniline	15.79	138	53308	15.784	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.85	198	36268	10.389	ng/ul	100
65) N-Nitrosodiphenylamine	15.98	169	252661	16.728	ng/ul	100
66) 4-Bromophenyl-phenylether	16.67	248	107544	20.382	ng/ul	100
67) Hexachlorobenzene	16.79	284	62453	10.557	ng/ul	98
68) Atrazine	16.93	200	102650	17.874	ng/ul	100
69) Pentachlorophenol	17.13	266	61269	17.156	ng/ul	100
70) Phenanthrene	17.52	178	482330	16.888	ng/ul	100
72) Anthracene	17.62	178	487329	16.876	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	137216	19.631	ng/uL	100
74) Pentachlorobenzene	15.06	250	138020	20.393	ng/uL	100
75) Carbazole	17.88	167	411065	16.731	ng/ul	100
76) Di-n-butylphthalate	18.45	149	493374	15.213	ng/ul	100
77) Fluoranthene	19.53	202	618343	18.837	ng/ul	100
80) Pyrene	19.89	202	613781	15.712	ng/ul	100
81) Butylbenzylphthalate	20.78	149	215931	13.181	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.65	252	227694	19.800	ng/ul	100
83) Benzo(a)anthracene	21.74	228	618703	16.781	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	317543	12.850	ng/ul	100
85) Chrysene	21.81	228	592076	16.503	ng/ul	100
87) Di-n-octyl phthalate	22.90	149	527898	13.046	ng/ul	100
88) Benzo(b)fluoranthene	24.00	252	603824	17.666	ng/ul	100
89) Benzo(k)fluoranthene	24.07	252	594897	17.626	ng/ul	100
91) Benzo(a)pyrene	24.89	252	556116	18.337	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.79	276	677048m	20.601	ng/ul	
93) Dibenzo(a,h)anthracene	28.85	278	564739	20.454	ng/ul	100
94) Benzo(g,h,i)perylene	29.95	276	563696	21.287	ng/ul	100

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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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