Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072421\
Data File : BG049434.D
Acq On : 23 Jul 2021 20:33
Operator : CG/JU
Sample : SSTD08005
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD080412

Manual Integrations APPROVED
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Quant Time: Jul 23 23:58:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 23 23:52:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.048	152	21300	20.000	ng/ul	0.00
20) Naphthalene-d8	10.874	136	91756	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	65667	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	147754	20.000	ng/ul	0.00
79) Chrysene-d12	21.730	240	153883	20.000	ng/ul	0.00
88) Perylene-d12	25.002	264	153896	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	17671m	35.948	ng/uL	0.00
4) Pyridine-d5	3.848	84	120862	80.306	ng/ul	0.00
7) Phenol-d5	7.202	99	168536	91.074	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	94268	82.494	ng/ul	0.00
11) 2-Chlorophenol-d4	7.578	132	123427	95.979	ng/ul	0.00
15) 4-Methylphenol-d8	8.765	113	123202	81.160	ng/ul	0.01
21) Nitrobenzene-d5	9.223	128	61354	96.571	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	70151	100.854	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	130418	76.302	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	171913	79.869	ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	409210	75.749	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	468954	79.054	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	70701	87.883	ng/ul	0.02
60) Fluorene-d10	15.691	176	346614	72.694	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.814	200	78469	103.926	ng/ul	0.01
73) Anthracene-d10	17.547	188	538710	79.801	ng/ul	0.00
81) Pyrene-d10	19.832	212	640242	81.359	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.790	264	679517	81.452	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.466	88	20567m	41.691	ng/uL	
5) Pyridine	3.872	79	125054	83.184	ng/ul	98
6) Benzaldehyde	7.179	77	94794	81.122	ng/ul	96
8) Phenol	7.232	94	163051	83.345	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.461	93	109925	77.051	ng/ul	95
12) 2-Chlorophenol	7.614	128	117879	86.364	ng/ul	94
13) 2-Methylphenol	8.489	108	125100	85.476	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.577	45	126420	75.002	ng/ul	97
16) Acetophenone	8.877	105	203664	81.840	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.865	70	107539	72.887	ng/ul#	93
18) 4-Methylphenol	8.824	108	131100	85.327	ng/ul	98
19) Hexachloroethane	9.141	117	52872	83.129	ng/ul	93
22) Nitrobenzene	9.264	77	175143	83.623	ng/ul	97
23) Isophorone	9.793	82	298082	68.854	ng/ul	98
25) 2-Nitrophenol	9.981	139	67371	85.052	ng/ul#	86
26) 2,4-Dimethylphenol	10.034	107	160478	76.994	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.269	93	145625	66.819	ng/ul	97
29) 2,4-Dichlorophenol	10.516	162	121333	75.992	ng/ul#	96
30) Naphthalene	10.921	128	387808	79.976	ng/ul	99
32) 4-Chloroaniline	11.027	127	163771	77.366	ng/ul	93
33) Hexachlorobutadiene	11.203	225	94720	62.366	ng/ul	96
34) Caprolactam	11.814	113	41283m	67.866	ng/ul	
35) 4-Chloro-3-methylphenol	12.155	107	145886	77.907	ng/ul	93
36) 2-Methylnaphthalene	12.525	142	288296	77.078	ng/ul	95

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Misc :
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Instrument :
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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.748	142	288337	77.833	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.895	216	153902	61.567	ng/ul	94
40) Hexachlorocyclopentadiene	12.871	237	101275	55.794	ng/ul	96
41) 2,4,6-Trichlorophenol	13.130	196	102759	66.801	ng/ul#	78
42) 2,4,5-Trichlorophenol	13.206	196	109818	66.508	ng/ul	93
43) 1,1'-Biphenyl	13.529	154	371942	76.546	ng/ul	99
44) 2-Chloronaphthalene	13.576	162	287996	75.665	ng/ul	96
45) 2-Nitroaniline	13.782	65	112861	95.989	ng/ul	96
47) Dimethylphthalate	14.146	163	388786	71.253	ng/ul	99
48) 2,6-Dinitrotoluene	14.275	165	84094	89.987	ng/ul	95
50) Acenaphthylene	14.422	152	441463	77.607	ng/ul	95
51) 3-Nitroaniline	14.604	138	77601	86.371	ng/ul	89
52) Acenaphthene	14.763	153	318084	75.398	ng/ul	95
53) 2,4-Dinitrophenol	14.810	184	50565	81.333	ng/ul#	83
55) 4-Nitrophenol	14.916	109	91558	85.930	ng/ul	99
56) Dibenzofuran	15.098	168	432434	72.162	ng/ul	99
57) 2,4-Dinitrotoluene	15.062	165	119361	88.793	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.327	232	99591	63.805	ng/ul#	96
59) Diethylphthalate	15.515	149	409638	75.118	ng/ul	97
61) Fluorene	15.750	166	365407	71.636	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.738	204	195597	63.214	ng/ul	91
63) 4-Nitroaniline	15.773	138	77920	83.293	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.826	198	71106	89.691	ng/ul#	79
67) N-Nitrosodiphenylamine	15.949	169	312038	76.245	ng/ul	99
68) 4-Bromophenyl-phenylether	16.631	248	135815	72.274	ng/ul	96
69) Hexachlorobenzene	16.754	284	151919	76.923	ng/ul	97
70) Atrazine	16.901	200	139657	75.827	ng/ul	96
71) Pentachlorophenol	17.101	266	80447	64.207	ng/ul#	90
72) Phenanthrene	17.494	178	610837	81.421	ng/ul	96
74) Anthracene	17.588	178	602199	78.026	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.500	216	161475	69.707	ng/uL	98
76) Pentachlorobenzene	15.021	250	173695	71.582	ng/uL	97
77) Carbazole	17.853	167	541931	82.879	ng/ul	98
78) Di-n-butylphthalate	18.405	149	691313	84.472	ng/ul	99
80) Fluoranthene	19.503	202	775334	79.398	ng/ul	99
82) Pyrene	19.862	202	749748	76.885	ng/ul	97
83) Butylbenzylphthalate	20.737	149	315210	90.384	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.624	252	273166	72.472	ng/ul	95
85) Benzo(a)anthracene	21.712	228	746567	73.428	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.606	149	468461	92.146	ng/ul	97
87) Chrysene	21.783	228	716369	73.683	ng/ul	98
89) Di-n-octyl phthalate	22.834	149	747864	89.277	ng/ul	100
90) Benzo(b)fluoranthene	23.968	252	802324	78.823	ng/ul	97
91) Benzo(k)fluoranthene	24.038	252	769455	76.923	ng/ul	98
93) Benzo(a)pyrene	24.861	252	681258	76.186	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.761	276	890847	77.447	ng/ul	99
95) Dibenzo(a,h)anthracene	28.838	278	715611	76.521	ng/ul	99
96) Benzo(g,h,i)perylene	29.948	276	728488	78.135	ng/ul#	93

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

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Sample : SSTD08005
Misc :
ALS Vial : 7 Sample Multiplier: 1

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