Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081921\
Data File : BG049894.D
Acq On : 19 Aug 2021 12:45
Operator : CG/JU
Sample : SSTD16026
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD160427

Quant Time: Aug 19 13:20:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 19 11:48:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.983	152	27856	20.000	ng/ul	0.00
20) Naphthalene-d8	10.803	136	120397	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	82590	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.394	188	178108	20.000	ng/ul	0.00
79) Chrysene-d12	21.676	240	155581	20.000	ng/ul	0.02
88) Perylene-d12	24.901	264	157392	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.407	96	1044	1.967	ng/uL	0.06
4) Pyridine-d5	3.765	84	292743	183.923	ng/ul	0.00
7) Phenol-d5	7.161	99	422128	174.569	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.313	67	221469	163.449	ng/ul	0.00
11) 2-Chlorophenol-d4	7.519	132	312865	174.605	ng/ul	0.00
15) 4-Methylphenol-d8	8.723	113	325700	171.456	ng/ul	0.03
21) Nitrobenzene-d5	9.164	128	157585	169.423	ng/ul	0.01
24) 2-Nitrophenol-d4	9.886	143	188985	168.842	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	349290	176.775	ng/ul	0.01
31) 4-Chloroaniline-d4	10.950	131	430437	159.825	ng/ul	0.01
46) Dimethylphthalate-d6	14.051	166	1007567	160.141	ng/ul	0.01
49) Acenaphthylene-d8	14.339	160	1175308	158.835	ng/ul	0.00
54) 4-Nitrophenol-d4	14.885	143	162292	193.902	ng/ul	0.03
60) Fluorene-d10	15.643	176	864821	160.631	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.784	200	202894	172.682	ng/ul	0.03
73) Anthracene-d10	17.505	188	1242750	156.182	ng/ul	0.02
81) Pyrene-d10	19.791	212	1380434	161.819	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.696	264	1382159	168.477	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	39775	69.025	ng/uL#	92
5) Pyridine	3.783	79	304194	180.391	ng/ul	95
6) Benzaldehyde	7.114	77	181423	134.931	ng/ul	97
8) Phenol	7.190	94	408576	172.262	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.407	93	276878	165.567	ng/ul	96
12) 2-Chlorophenol	7.554	128	305551	174.686	ng/ul#	88
13) 2-Methylphenol	8.441	108	322867	172.740	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.518	45	286381	158.874	ng/ul	96
16) Acetophenone	8.823	105	509176	166.776	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.829	70	258178	162.122	ng/ul	99
18) 4-Methylphenol	8.794	108	335048	167.754	ng/ul	90
19) Hexachloroethane	9.070	117	132357	163.566	ng/ul	89
22) Nitrobenzene	9.211	77	414120	162.573	ng/ul	96
23) Isophorone	9.745	82	729610	160.204	ng/ul#	95
25) 2-Nitrophenol	9.922	139	182232	168.396	ng/ul	96
26) 2,4-Dimethylphenol	9.980	107	403432	162.068	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.209	93	383812	162.042	ng/ul	95
29) 2,4-Dichlorophenol	10.462	162	320773	173.718	ng/ul	97
30) Naphthalene	10.856	128	962787	158.438	ng/ul	97
32) 4-Chloroaniline	10.973	127	408886	156.135	ng/ul	92
33) Hexachlorobutadiene	11.132	225	244691	158.488	ng/ul	96
34) Caprolactam	11.796	113	57605	91.250	ng/ul	97
35) 4-Chloro-3-methylphenol	12.119	107	377060	170.218	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.471	142	737478	160.631	ng/ul	95
37) 1-Methylnaphthalene	12.688	142	728334	159.453	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.835	216	413665	160.768	ng/ul#	97
40) Hexachlorocyclopentadiene	12.812	237	231629	260.278	ng/ul	95
41) 2,4,6-Trichlorophenol	13.082	196	281375	177.439	ng/ul	93
42) 2,4,5-Trichlorophenol	13.164	196	287236	182.311	ng/ul	94
43) 1,1'-Biphenyl	13.476	154	910095	154.879	ng/ul	96
44) 2-Chloronaphthalene	13.523	162	736049	159.282	ng/ul	96
45) 2-Nitroaniline	13.734	65	264553	165.196	ng/ul	97
47) Dimethylphthalate	14.104	163	953895	155.814	ng/ul	99
48) 2,6-Dinitrotoluene	14.233	165	213687	168.719	ng/ul	93
50) Acenaphthylene	14.374	152	1046825	153.700	ng/ul	96
51) 3-Nitroaniline	14.562	138	188692	161.227	ng/ul	95
52) Acenaphthene	14.709	153	791007	160.697	ng/ul	98
53) 2,4-Dinitrophenol	14.780	184	138098	204.679	ng/ul#	89
55) 4-Nitrophenol	14.903	109	206770	191.411	ng/ul	97
56) Dibenzofuran	15.050	168	1047909	156.549	ng/ul	96
57) 2,4-Dinitrotoluene	15.026	165	304054	164.515	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.279	232	258058	197.864	ng/ul#	95
59) Diethylphthalate	15.467	149	992864	158.026	ng/ul	93
61) Fluorene	15.702	166	881971	155.413	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.684	204	491782	163.780	ng/ul	97
63) 4-Nitroaniline	15.743	138	179141	155.642	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.802	198	184051	172.584	ng/ul#	100
67) N-Nitrosodiphenylamine	15.902	169	769361	160.267	ng/ul	96
68) 4-Bromophenyl-phenylether	16.577	248	343110	171.396	ng/ul	97
69) Hexachlorobenzene	16.707	284	383115	169.988	ng/ul	98
70) Atrazine	16.859	200	297192	143.729	ng/ul	99
71) Pentachlorophenol	17.053	266	181694	229.154	ng/ul	93
72) Phenanthrene	17.447	178	1415925	159.677	ng/ul	97
74) Anthracene	17.541	178	1357898	151.832	ng/ul#	89
75) 1,2,3,4-Tetrachloroben...	13.446	216	427589	169.357	ng/uL	96
76) Pentachlorobenzene	14.968	250	437349	165.493	ng/uL	95
77) Carbazole	17.805	167	1220504	153.730	ng/ul	96
78) Di-n-butylphthalate	18.351	149	1525874	150.133	ng/ul#	98
80) Fluoranthene	19.456	202	1690445	160.463	ng/ul#	96
82) Pyrene	19.820	202	1584260	152.866	ng/ul#	96
83) Butylbenzylphthalate	20.689	149	685128	166.066	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.565	252	532963	142.122	ng/ul#	96
85) Benzo(a)anthracene	21.659	228	1569211	160.229	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.541	149	935424	163.389	ng/ul	96
87) Chrysene	21.723	228	1471161	159.711	ng/ul	95
89) Di-n-octyl phthalate	22.751	149	1488825	160.361	ng/ul	100
90) Benzo(b)fluoranthene	23.891	252	1647000	167.835	ng/ul	98
91) Benzo(k)fluoranthene	23.961	252	1522448	157.052	ng/ul	97
93) Benzo(a)pyrene	24.778	252	1407307	163.585	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.649	276	1898986	168.447	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.726	278	1560170	164.264	ng/ul	99
96) Benzo(g,h,i)perylene	29.830	276	1575380	167.297	ng/ul	95

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

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