Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081921\
Data File : BG049892.D
Acq On : 19 Aug 2021 11:22
Operator : CG/JU
Sample : SSTD04025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD040425

Quant Time: Aug 19 12:19:28 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	7.985	152	27647	20.000	ng/ul	0.00
20) Naphthalene-d8	10.799	136	118102	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.635	164	80608	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.490	188	328725	20.000	ng/ul	0.10
79) Chrysene-d12	21.661	240	162975	20.000	ng/ul	0.00
88) Perylene-d12	24.892	264	165336	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	9719	18.446	ng/uL	0.00
4) Pyridine-d5	3.773	84	67500	42.729	ng/ul	0.00
7) Phenol-d5	7.145	99	97989	40.829	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.304	67	56449	41.976	ng/ul	0.00
11) 2-Chlorophenol-d4	7.515	132	77374	43.508	ng/ul	0.00
15) 4-Methylphenol-d8	8.702	113	77845	41.289	ng/ul	0.00
21) Nitrobenzene-d5	9.154	128	36900	40.443	ng/ul	0.00
24) 2-Nitrophenol-d4	9.877	143	45233	41.197	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.423	165	81730	42.167	ng/ul	0.00
31) 4-Chloroaniline-d4	10.934	131	105772	40.037	ng/ul	0.00
46) Dimethylphthalate-d6	14.036	166	253816	41.333	ng/ul	0.00
49) Acenaphthylene-d8	14.329	160	299441	41.462	ng/ul	0.00
54) 4-Nitrophenol-d4	14.858	143	36268	44.398	ng/ul	0.00
60) Fluorene-d10	15.628	176	212851	40.507	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	47240	21.784	ng/ul	0.00
73) Anthracene-d10	17.490	188	328725	22.384	ng/ul	0.00
81) Pyrene-d10	19.775	212	368807	41.271	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.668	264	361042	41.894	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.380	88	10364	18.122	ng/uL	94
5) Pyridine	3.791	79	74968	44.793	ng/ul	97
6) Benzaldehyde	7.116	77	63672	47.713	ng/ul	93
8) Phenol	7.174	94	100831	42.833	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.398	93	68179	41.078	ng/ul	97
12) 2-Chlorophenol	7.544	128	73110	42.114	ng/ul#	82
13) 2-Methylphenol	8.431	108	75955	40.945	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.508	45	72477	40.512	ng/ul	97
16) Acetophenone	8.807	105	127166	41.967	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.790	70	64660	40.910	ng/ul	97
18) 4-Methylphenol	8.766	108	80630	40.675	ng/ul	81
19) Hexachloroethane	9.066	117	33313	41.479	ng/ul	92
22) Nitrobenzene	9.195	77	105012	42.026	ng/ul	99
23) Isophorone	9.718	82	181224	40.565	ng/ul	97
25) 2-Nitrophenol	9.906	139	44521	41.940	ng/ul#	89
26) 2,4-Dimethylphenol	9.971	107	98262	40.241	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.200	93	94785	40.795	ng/ul	96
29) 2,4-Dichlorophenol	10.452	162	76000	41.958	ng/ul	91
30) Naphthalene	10.846	128	243020	40.769	ng/ul	99
32) 4-Chloroaniline	10.957	127	103301	40.213	ng/ul	90
33) Hexachlorobutadiene	11.128	225	60238	39.775	ng/ul	93
34) Caprolactam	11.733	113	13352	21.561	ng/ul	94
35) 4-Chloro-3-methylphenol	12.097	107	90956	41.859	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.455	142	179860	39.937	ng/ul	97
37) 1-Methylnaphthalene	12.679	142	181212	40.443	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.831	216	99250	39.521	ng/ul#	96
40) Hexachlorocyclopentadiene	12.802	237	37007	42.607	ng/ul	95
41) 2,4,6-Trichlorophenol	13.072	196	64261	41.520	ng/ul	93
42) 2,4,5-Trichlorophenol	13.155	196	66303	43.118	ng/ul	92
43) 1,1'-Biphenyl	13.466	154	229859	40.079	ng/ul	99
44) 2-Chloronaphthalene	13.513	162	185491	41.128	ng/ul	98
45) 2-Nitroaniline	13.718	65	63773	40.801	ng/ul	92
47) Dimethylphthalate	14.083	163	244295	40.886	ng/ul	99
48) 2,6-Dinitrotoluene	14.212	165	52518	42.486	ng/ul	94
50) Acenaphthylene	14.359	152	271670	40.869	ng/ul	97
51) 3-Nitroaniline	14.541	138	50081	43.844	ng/ul	97
52) Acenaphthene	14.699	153	194791	40.546	ng/ul	97
53) 2,4-Dinitrophenol	14.764	184	27455	41.692	ng/ul	91
55) 4-Nitrophenol	14.870	109	44844	42.534	ng/ul	98
56) Dibenzofuran	15.034	168	274202	41.971	ng/ul	98
57) 2,4-Dinitrotoluene	15.005	165	74079	41.067	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.269	232	57233	44.962	ng/ul#	96
59) Diethylphthalate	15.446	149	251707	41.047	ng/ul	97
61) Fluorene	15.686	166	222768	40.219	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.675	204	121151	41.340	ng/ul	99
63) 4-Nitroaniline	15.716	138	52552	46.781	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.775	198	42838	21.764	ng/ul	94
67) N-Nitrosodiphenylamine	15.892	169	195328	22.046	ng/ul	98
68) 4-Bromophenyl-phenylether	16.573	248	82574	22.349	ng/ul	97
69) Hexachlorobenzene	16.697	284	93944	22.584	ng/ul	98
70) Atrazine	16.838	200	85311	22.354	ng/ul	98
71) Pentachlorophenol	17.161	266	447	0.305	ng/ul	88
72) Phenanthrene	17.525	178	366874	22.417	ng/ul	96
74) Anthracene	17.525	178	366615	22.210	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.437	216	104117	22.343	ng/uL	93
76) Pentachlorobenzene	14.958	250	107251	21.989	ng/uL	99
77) Carbazole	17.795	167	322904	22.037	ng/ul	98
78) Di-n-butylphthalate	18.342	149	410467	21.882	ng/ul	99
80) Fluoranthene	19.446	202	459602	41.648	ng/ul	99
82) Pyrene	19.804	202	444128	40.910	ng/ul	98
83) Butylbenzylphthalate	20.680	149	176767	40.902	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.555	252	163038	41.504	ng/ul	97
85) Benzo(a)anthracene	21.643	228	418393	40.783	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.531	149	246652	41.128	ng/ul	99
87) Chrysene	21.708	228	397106	41.154	ng/ul	98
89) Di-n-octyl phthalate	22.742	149	397455	40.753	ng/ul	100
90) Benzo(b)fluoranthene	23.864	252	430740	41.785	ng/ul#	98
91) Benzo(k)fluoranthene	23.928	252	417106	40.960	ng/ul	100
93) Benzo(a)pyrene	24.739	252	378375	41.869	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.581	276	506265	42.750	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.639	278	420004	42.096	ng/ul	97
96) Benzo(g,h,i)perylene	29.750	276	428941	43.363	ng/ul	97

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

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