Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081722\
Data File : BG054647.D
Acq On : 17 Aug 2022 20:22
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 18 03:29:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 18 03:22:26 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV441

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022

Supervised By :Sohil Jodhani 08/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.165	152	45604	20.000	ng/ul	0.00
20) Naphthalene-d8	10.991	136	186703	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.792	164	118743	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.542	188	260022	20.000	ng/ul	0.00
79) Chrysene-d12	21.837	240	251634	20.000	ng/ul	0.00
88) Perylene-d12	25.221	264	266723	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.511	96	8882	7.704	ng/uL	0.00
4) Pyridine-d5	3.940	84	62289	18.130	ng/ul	0.00
7) Phenol-d5	7.301	99	72439	18.683	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.477	67	47315	19.071	ng/ul	0.00
11) 2-Chlorophenol-d4	7.689	132	53483	19.503	ng/ul	0.00
15) 4-Methylphenol-d8	8.858	113	55425	18.923	ng/ul	0.00
21) Nitrobenzene-d5	9.334	128	24732	21.104	ng/ul	0.00
24) 2-Nitrophenol-d4	10.063	143	21417	20.412	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.597	165	53867	19.584	ng/ul	0.00
31) 4-Chloroaniline-d4	11.120	131	75930	19.229	ng/ul	0.00
46) Dimethylphthalate-d6	14.193	166	157183	19.265	ng/ul	0.00
49) Acenaphthylene-d8	14.493	160	188813	19.328	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	24645	19.114	ng/ul	0.00
60) Fluorene-d10	15.785	176	141450	19.119	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.885	200	16221	18.318	ng/ul	0.00
73) Anthracene-d10	17.642	188	220075	19.459	ng/ul	0.00
81) Pyrene-d10	19.922	212	252244	19.325	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.986	264	253809	19.378	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.552	88	10558	8.126	ng/uL	93
5) Pyridine	3.958	79	65084	18.965	ng/ul	98
6) Benzaldehyde	7.295	77	37944	20.009	ng/ul	95
8) Phenol	7.325	94	73931	19.145	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.577	93	60579	19.284	ng/ul	93
12) 2-Chlorophenol	7.724	128	57051	19.369	ng/ul	99
13) 2-Methylphenol	8.594	108	56614	19.180	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.694	45	97974	19.038	ng/ul	99
16) Acetophenone	8.987	105	89370	19.559	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.970	70	47663	19.194	ng/ul	98
18) 4-Methylphenol	8.923	108	58344	18.940	ng/ul	95
19) Hexachloroethane	9.258	117	23189	19.326	ng/ul	98
22) Nitrobenzene	9.375	77	63476	20.599	ng/ul#	97
23) Isophorone	9.898	82	129222	19.354	ng/ul	99
25) 2-Nitrophenol	10.092	139	26135	21.113	ng/ul	97
26) 2,4-Dimethylphenol	10.139	107	63760	19.244	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.380	93	78070	18.988	ng/ul	98
29) 2,4-Dichlorophenol	10.627	162	52322	19.715	ng/ul	98
30) Naphthalene	11.038	128	184636	19.185	ng/ul	99
32) 4-Chloroaniline	11.144	127	77793	19.263	ng/ul	95
33) Hexachlorobutadiene	11.320	225	39370	19.777	ng/ul	94
34) Caprolactam	11.890	113	17145	18.931	ng/ul	88
35) 4-Chloro-3-methylphenol	12.242	107	55800	19.281	ng/ul	97
36) 2-Methylnaphthalene	12.636	142	126175	19.214	ng/ul	97

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37) 1-Methylnaphthalene	12.853	142	124605	19.099	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.994	216	69957	19.358	ng/ul	98
40) Hexachlorocyclopentadiene	12.971	237	44078	19.219	ng/ul	97
41) 2,4,6-Trichlorophenol	13.229	196	41780	19.694	ng/ul	97
42) 2,4,5-Trichlorophenol	13.294	196	45670	19.773	ng/ul	96
43) 1,1'-Biphenyl	13.635	154	166920	19.470	ng/ul	98
44) 2-Chloronaphthalene	13.676	162	124297	19.134	ng/ul	98
45) 2-Nitroaniline	13.876	65	32080	21.052	ng/ul	96
47) Dimethylphthalate	14.240	163	159390	19.349	ng/ul	100
48) 2,6-Dinitrotoluene	14.363	165	27356	21.216	ng/ul	92
50) Acenaphthylene	14.522	152	209858	19.408	ng/ul	99
51) 3-Nitroaniline	14.692	138	26658	19.434	ng/ul	96
52) Acenaphthene	14.857	153	136585	19.007	ng/ul	98
53) 2,4-Dinitrophenol	14.892	184	11065	17.190	ng/ul	97
55) 4-Nitrophenol	14.974	109	20054	18.901	ng/ul	95
56) Dibenzofuran	15.192	168	189961	19.192	ng/ul	99
57) 2,4-Dinitrotoluene	15.145	165	36824	21.064	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.409	232	37506	20.174	ng/ul#	98
59) Diethylphthalate	15.597	149	159022	19.453	ng/ul	99
61) Fluorene	15.838	166	154302	19.119	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.832	204	79841	19.314	ng/ul	99
63) 4-Nitroaniline	15.850	138	24342m	19.027	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.903	198	16589	17.561	ng/ul#	94
67) N-Nitrosodiphenylamine	16.038	169	137058	19.516	ng/ul	99
68) 4-Bromophenyl-phenylether	16.725	248	52015	19.402	ng/ul	98
69) Hexachlorobenzene	16.837	284	59008	19.290	ng/ul	97
70) Atrazine	16.984	200	52146	19.532	ng/ul	99
71) Pentachlorophenol	17.178	266	31716	18.763	ng/ul	96
72) Phenanthrene	17.583	178	250784	19.387	ng/ul	99
74) Anthracene	17.677	178	253773	19.479	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.600	216	73636	19.700	ng/uL	96
76) Pentachlorobenzene	15.104	250	69905	19.633	ng/uL	99
77) Carbazole	17.942	167	227929	19.762	ng/ul	98
78) Di-n-butylphthalate	18.494	149	273851	20.299	ng/ul	100
80) Fluoranthene	19.587	202	314342	19.254	ng/ul	99
82) Pyrene	19.951	202	315013	19.412	ng/ul	99
83) Butylbenzylphthalate	20.832	149	113233	20.377	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.725	252	108561	19.917	ng/ul	96
85) Benzo(a)anthracene	21.819	228	308102	19.703	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.719	149	171562	20.563	ng/ul	98
87) Chrysene	21.884	228	294343	19.561	ng/ul	100
89) Di-n-octyl phthalate	22.994	149	285596	19.312	ng/ul	100
90) Benzo(b)fluoranthene	24.134	252	325412	19.314	ng/ul	99
91) Benzo(k)fluoranthene	24.211	252	301092	19.285	ng/ul	99
93) Benzo(a)pyrene	25.057	252	312433	19.303	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.099	276	363502	19.120	ng/ul	98
95) Dibenzo(a,h)anthracene	29.175	278	308463	19.192	ng/ul	99
96) Benzo(g,h,i)perylene	30.309	276	302423	19.069	ng/ul	99

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

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