Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091923\
Data File : BG059094.D
Acq On : 19 Sep 2023 18:21
Operator : MA/JU
Sample : SSTD01026
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 20 04:07:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 03:48:48 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010429

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.302	152	29820	20.000	ng/ul	0.00
20) Naphthalene-d8	11.146	136	140320	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.924	164	83324	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.679	188	191470	20.000	ng/ul	0.00
79) Chrysene-d12	21.998	240	178251	20.000	ng/ul	0.00
88) Perylene-d12	25.547	264	208438	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.613	96	2977	4.353	ng/uL	0.00
4) Pyridine-d5	4.042	84	19793	8.473	ng/ul	0.00
7) Phenol-d5	7.415	99	26146	8.835	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.620	67	16186	8.860	ng/ul	0.00
11) 2-Chlorophenol-d4	7.814	132	19843	8.985	ng/ul	0.00
15) 4-Methylphenol-d8	8.978	113	19819	8.218	ng/ul	0.00
21) Nitrobenzene-d5	9.495	128	10180	8.925	ng/ul	0.00
24) 2-Nitrophenol-d4	10.217	143	9529	8.482	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.734	165	18928	8.691	ng/ul	0.00
31) 4-Chloroaniline-d4	11.287	131	28343	8.337	ng/ul	0.00
46) Dimethylphthalate-d6	14.319	166	58538	9.107	ng/ul	0.00
49) Acenaphthylene-d8	14.630	160	72597	10.221	ng/ul	0.00
54) 4-Nitrophenol-d4	15.094	143	9556	7.648	ng/ul	0.00
60) Fluorene-d10	15.911	176	54344	9.699	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.022	200	8517	7.798	ng/ul	0.00
73) Anthracene-d10	17.773	188	82825	9.503	ng/ul	0.00
81) Pyrene-d10	20.047	212	95780	9.385	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.294	264	96250	9.356	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.649	88	3323	3.508	ng/uL#	87
5) Pyridine	4.066	79	19772m	8.321	ng/ul	
6) Benzaldehyde	7.444	77	16170	10.407	ng/ul	88
8) Phenol	7.438	94	26679	8.724	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.714	93	22014	9.222	ng/ul	96
12) 2-Chlorophenol	7.844	128	19914	8.750	ng/ul	99
13) 2-Methylphenol	8.719	108	19927	8.126	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.801	45	45334	9.025	ng/ul	97
16) Acetophenone	9.142	105	31773	8.165	ng/ul#	90
17) N-Nitroso-di-n-propyla...	9.101	70	16443	8.048	ng/ul#	96
18) 4-Methylphenol	9.042	108	20445	7.605	ng/ul	92
19) Hexachloroethane	9.383	117	8366	9.143	ng/ul	98
22) Nitrobenzene	9.542	77	23610	8.573	ng/ul	89
23) Isophorone	10.041	82	47675	8.589	ng/ul	95
25) 2-Nitrophenol	10.247	139	10615	8.455	ng/ul#	87
26) 2,4-Dimethylphenol	10.270	107	21334	8.607	ng/ul	86
27) Bis(2-Chloroethoxy)met...	10.529	93	30812	9.505	ng/ul	97
29) 2,4-Dichlorophenol	10.764	162	18623	8.479	ng/ul	88
30) Naphthalene	11.193	128	70001	9.240	ng/ul	99
32) 4-Chloroaniline	11.304	127	29615	9.055	ng/ul	96
33) Hexachlorobutadiene	11.422	225	12753	9.872	ng/ul	87
34) Caprolactam	12.080	113	7047	8.338	ng/ul	90
35) 4-Chloro-3-methylphenol	12.374	107	19951	7.802	ng/ul	91
36) 2-Methylnaphthalene	12.773	142	46004	8.967	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.991	142	46481	8.873	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	13.120	216	23106	10.300	ng/ul	88
40) Hexachlorocyclopentadiene	13.067	237	13668	10.034	ng/ul	92
41) 2,4,6-Trichlorophenol	13.355	196	15083	9.332	ng/ul#	93
42) 2,4,5-Trichlorophenol	13.425	196	16547	9.423	ng/ul	92
43) 1,1'-Biphenyl	13.760	154	63901	10.446	ng/ul	92
44) 2-Chloronaphthalene	13.819	162	49219	9.857	ng/ul	99
45) 2-Nitroaniline	14.025	65	14272	8.292	ng/ul	87
47) Dimethylphthalate	14.366	163	60961	9.339	ng/ul	99
48) 2,6-Dinitrotoluene	14.512	165	10695	8.279	ng/ul#	94
50) Acenaphthylene	14.659	152	78480	9.511	ng/ul	97
51) 3-Nitroaniline	14.847	138	12369	9.182	ng/ul	88
52) Acenaphthene	14.988	153	53874	9.963	ng/ul	96
53) 2,4-Dinitrophenol	15.041	184	4530	6.366	ng/ul	95
55) 4-Nitrophenol	15.106	109	6608	7.344	ng/ul	84
56) Dibenzofuran	15.323	168	70241	9.175	ng/ul	97
57) 2,4-Dinitrotoluene	15.282	165	14800	7.988	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.529	232	14439	9.211	ng/ul	99
59) Diethylphthalate	15.711	149	58518	8.826	ng/ul	97
61) Fluorene	15.970	166	60037	9.167	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.952	204	29925	9.878	ng/ul	97
63) 4-Nitroaniline	16.005	138	10991	8.661	ng/ul	93
66) 4,6-Dinitro-2-methylph...	16.034	198	9094	7.746	ng/ul	97
67) N-Nitrosodiphenylamine	16.169	169	47436	8.571	ng/ul	96
68) 4-Bromophenyl-phenylether	16.851	248	17734	9.361	ng/ul	97
69) Hexachlorobenzene	16.945	284	20937	9.800	ng/ul#	89
70) Atrazine	17.103	200	20352	9.994	ng/ul#	94
71) Pentachlorophenol	17.297	266	11774m	8.607	ng/ul	
72) Phenanthrene	17.720	178	102795	9.631	ng/ul	96
74) Anthracene	17.814	178	103660	9.377	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.725	216	25210	10.743	ng/uL	93
76) Pentachlorobenzene	15.217	250	24056	10.692	ng/uL	98
77) Carbazole	18.085	167	85924	8.810	ng/ul	94
78) Di-n-butylphthalate	18.596	149	108640	8.533	ng/ul	99
80) Fluoranthene	19.712	202	117091	9.144	ng/ul	98
82) Pyrene	20.076	202	125119	9.356	ng/ul	98
83) Butylbenzylphthalate	20.940	149	43911	8.228	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.886	252	41997	9.802	ng/ul	99
85) Benzo(a)anthracene	21.974	228	124468	9.684	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.810	149	66715	8.223	ng/ul#	99
87) Chrysene	22.045	228	113378	9.518	ng/ul	100
89) Di-n-octyl phthalate	23.138	149	114828	8.212	ng/ul	100
90) Benzo(b)fluoranthene	24.389	252	116883	8.944	ng/ul	99
91) Benzo(k)fluoranthene	24.471	252	124036	9.499	ng/ul	99
93) Benzo(a)pyrene	25.370	252	113571	9.190	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	29.642	276	130197m	9.375	ng/ul	
95) Dibenzo(a,h)anthracene	29.730	278	105637m	9.531	ng/ul	
96) Benzo(g,h,i)perylene	30.940	276	107676m	9.513	ng/ul	

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

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