Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101923\
Data File : BG059487.D
Acq On : 19 Oct 2023 11:11
Operator : MA/JU
Sample : SSTD02057
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 20 03:00:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 20 02:34:07 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020429

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/20/2023
Supervised By :mohammad ahmed 10/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.183	152	53328	20.000	ng/ul	0.00
20) Naphthalene-d8	11.026	136	183345	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.828	164	117453	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.578	188	274421	20.000	ng/ul	0.00
79) Chrysene-d12	21.873	240	283795	20.000	ng/ul	0.00
88) Perylene-d12	25.310	264	322989	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.476	96	10250	6.029	ng/uL	0.00
4) Pyridine-d5	3.911	84	93652	16.133	ng/ul	0.00
7) Phenol-d5	7.313	99	84530	15.907	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.507	67	50880	16.704	ng/ul	0.00
11) 2-Chlorophenol-d4	7.701	132	65538	15.440	ng/ul	0.00
15) 4-Methylphenol-d8	8.882	113	85788	18.739	ng/ul	0.00
21) Nitrobenzene-d5	9.387	128	43952	24.564	ng/ul	0.00
24) 2-Nitrophenol-d4	10.104	143	35260	20.021	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.633	165	62341	19.133	ng/ul	0.00
31) 4-Chloroaniline-d4	11.173	131	96689	19.984	ng/ul	0.00
46) Dimethylphthalate-d6	14.223	166	200299	17.562	ng/ul	0.00
49) Acenaphthylene-d8	14.528	160	242520	18.470	ng/ul	0.00
54) 4-Nitrophenol-d4	15.016	143	36301	19.403	ng/ul	0.00
60) Fluorene-d10	15.815	176	187330	19.235	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.927	200	35744	19.367	ng/ul	0.00
73) Anthracene-d10	17.677	188	295345	19.544	ng/ul	0.00
81) Pyrene-d10	19.951	212	353097	18.962	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.075	264	362862	19.632	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.518	88	10972m	5.615	ng/uL	
5) Pyridine	3.935	79	97852	16.272	ng/ul	100
6) Benzaldehyde	7.337	77	45098	18.850	ng/ul	100
8) Phenol	7.343	94	85311	16.237	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.607	93	67739	14.935	ng/ul	100
12) 2-Chlorophenol	7.742	128	63211	14.770	ng/ul	100
13) 2-Methylphenol	8.617	108	85065	19.049	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.694	45	202566	20.040	ng/ul	100
16) Acetophenone	9.035	105	146626	21.215	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.993	70	81219	22.621	ng/ul	100
18) 4-Methylphenol	8.947	108	97883	20.277	ng/ul	100
19) Hexachloroethane	9.270	117	34999	19.879	ng/ul	100
22) Nitrobenzene	9.428	77	113538	27.561	ng/ul	100
23) Isophorone	9.934	82	176439	22.331	ng/ul	100
25) 2-Nitrophenol	10.139	139	35425	19.110	ng/ul	100
26) 2,4-Dimethylphenol	10.169	107	66857	18.989	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.421	93	93568	19.054	ng/ul	100
29) 2,4-Dichlorophenol	10.662	162	62192	18.990	ng/ul	100
30) Naphthalene	11.079	128	221139	19.194	ng/ul	100
32) 4-Chloroaniline	11.197	127	92075	20.058	ng/ul	100
33) Hexachlorobutadiene	11.308	225	39478	18.793	ng/ul	100
34) Caprolactam	11.972	113	20527m	19.824	ng/ul	
35) 4-Chloro-3-methylphenol	12.284	107	61931	19.238	ng/ul	100
36) 2-Methylnaphthalene	12.672	142	143376	18.855	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.889	142	149127	19.242	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.012	216	74536	18.834	ng/ul	100
40) Hexachlorocyclopentadiene	12.965	237	41837	18.966	ng/ul	100
41) 2,4,6-Trichlorophenol	13.259	196	45787	18.848	ng/ul	100
42) 2,4,5-Trichlorophenol	13.330	196	52396	18.860	ng/ul	100
43) 1,1'-Biphenyl	13.665	154	208692	18.965	ng/ul	100
44) 2-Chloronaphthalene	13.717	162	156110	18.043	ng/ul	100
45) 2-Nitroaniline	13.935	65	48876	17.327	ng/ul	100
47) Dimethylphthalate	14.270	163	200889	17.840	ng/ul	100
48) 2,6-Dinitrotoluene	14.417	165	37705	17.010	ng/ul	100
50) Acenaphthylene	14.558	152	253235	17.912	ng/ul	100
51) 3-Nitroaniline	14.751	138	41380	19.368	ng/ul	100
52) Acenaphthene	14.892	153	174078	19.109	ng/ul	100
53) 2,4-Dinitrophenol	14.951	184	18340	16.311	ng/ul	100
55) 4-Nitrophenol	15.028	109	24118m	18.658	ng/ul	
56) Dibenzofuran	15.227	168	238311	19.401	ng/ul	100
57) 2,4-Dinitrotoluene	15.198	165	59650	19.665	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.433	232	47619	19.131	ng/ul	100
59) Diethylphthalate	15.615	149	192218	18.704	ng/ul	100
61) Fluorene	15.874	166	197729	19.231	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.856	204	100060	19.075	ng/ul	100
63) 4-Nitroaniline	15.915	138	44423	21.637	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.944	198	39233	20.044	ng/ul	100
67) N-Nitrosodiphenylamine	16.073	169	163927	19.334	ng/ul	100
68) 4-Bromophenyl-phenylether	16.749	248	61186	19.768	ng/ul	100
69) Hexachlorobenzene	16.843	284	68819	19.629	ng/ul	100
70) Atrazine	17.008	200	61900	20.471	ng/ul	100
71) Pentachlorophenol	17.202	266	37407m	19.160	ng/ul	
72) Phenanthrene	17.619	178	346949	19.373	ng/ul	100
74) Anthracene	17.713	178	358591	19.450	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.623	216	77735	19.255	ng/uL	100
76) Pentachlorobenzene	15.122	250	78618	19.882	ng/uL	100
77) Carbazole	17.989	167	310983	21.046	ng/ul	100
78) Di-n-butylphthalate	18.494	149	365252	20.252	ng/ul	100
80) Fluoranthene	19.616	202	430254	18.736	ng/ul	100
82) Pyrene	19.981	202	458779	18.953	ng/ul	100
83) Butylbenzylphthalate	20.833	149	166464	19.813	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.767	252	159601	20.962	ng/ul	100
85) Benzo(a)anthracene	21.849	228	451856	19.236	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.679	149	236232	19.272	ng/ul	100
87) Chrysene	21.920	228	416916	18.987	ng/ul	100
89) Di-n-octyl phthalate	22.959	149	400652	20.531	ng/ul	100
90) Benzo(b)fluoranthene	24.199	252	442923	19.260	ng/ul	100
91) Benzo(k)fluoranthene	24.276	252	464874	19.552	ng/ul	100
93) Benzo(a)pyrene	25.151	252	424316	19.370	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.293	276	479931	19.206	ng/ul	100
95) Dibenzo(a,h)anthracene	29.358	278	394153	19.433	ng/ul	100
96) Benzo(g,h,i)perylene	30.568	276	389859m	18.563	ng/ul	

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

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