Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058440.D
Acq On : 25 Jul 2023 9:08
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 25 09:59:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 24 22:10:54 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020539

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :Jagrut Upadhyay 07/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	39204	20.000	ng/ul	0.00
20) Naphthalene-d8	10.620	136	196952	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.462	164	151316	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.212	188	384576	20.000	ng/ul	0.00
79) Chrysene-d12	21.448	240	333423	20.000	ng/ul	0.00
88) Perylene-d12	24.521	264	411627	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	10201	9.577	ng/uL	0.00
4) Pyridine-d5	3.646	84	68657	21.716	ng/ul	0.00
7) Phenol-d5	6.983	99	82342	22.141	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.142	67	52340	22.517	ng/ul	0.00
11) 2-Chlorophenol-d4	7.347	132	60155	23.107	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	64293	22.664	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	31112	21.075	ng/ul	0.00
24) 2-Nitrophenol-d4	9.703	143	35667	22.131	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.244	165	69366	22.452	ng/ul	0.00
31) 4-Chloroaniline-d4	10.755	131	98799	22.059	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	258546	22.158	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	286645	23.442	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	34328	19.480	ng/ul	0.00
60) Fluorene-d10	15.455	176	223551	23.141	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.585	200	41817	21.342	ng/ul	0.00
73) Anthracene-d10	17.306	188	380667	22.908	ng/ul	0.00
81) Pyrene-d10	19.598	212	450119	22.857	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.310	264	447130	22.474	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	11476	9.498	ng/uL#	91
5) Pyridine	3.669	79	71787	21.501	ng/ul	98
6) Benzaldehyde	6.954	77	21635m	14.405	ng/ul	
8) Phenol	7.012	94	82774	21.432	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.236	93	67461	22.801	ng/ul	96
12) 2-Chlorophenol	7.383	128	62029	22.763	ng/ul	97
13) 2-Methylphenol	8.264	108	68432	22.734	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.346	45	116774m	24.084	ng/ul	
16) Acetophenone	8.640	105	116572	24.130	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.622	70	64276	24.310	ng/ul	98
18) 4-Methylphenol	8.593	108	76908	23.510	ng/ul	94
19) Hexachloroethane	8.893	117	24863	23.147	ng/ul	92
22) Nitrobenzene	9.022	77	84070	21.355	ng/ul	100
23) Isophorone	9.539	82	198148	22.450	ng/ul	99
25) 2-Nitrophenol	9.733	139	37546	21.810	ng/ul	99
26) 2,4-Dimethylphenol	9.791	107	86048	22.417	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.026	93	103223	22.082	ng/ul	98
29) 2,4-Dichlorophenol	10.267	162	67149	22.899	ng/ul	91
30) Naphthalene	10.667	128	237231	22.535	ng/ul	98
32) 4-Chloroaniline	10.784	127	103532	22.617	ng/ul	98
33) Hexachlorobutadiene	10.949	225	46657	22.251	ng/ul	97
34) Caprolactam	11.531	113	30061m	24.682	ng/ul	
35) 4-Chloro-3-methylphenol	11.913	107	87345	23.405	ng/ul	96
36) 2-Methylnaphthalene	12.283	142	160141	22.705	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.500	142	166300	23.006	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.653	216	95788	21.868	ng/ul	98
40) Hexachlorocyclopentadiene	12.629	237	38452	16.322	ng/ul	100
41) 2,4,6-Trichlorophenol	12.894	196	67738	22.844	ng/ul	97
42) 2,4,5-Trichlorophenol	12.970	196	66980	21.183	ng/ul	95
43) 1,1'-Biphenyl	13.299	154	228132	22.296	ng/ul	97
44) 2-Chloronaphthalene	13.340	162	183575	22.565	ng/ul	98
45) 2-Nitroaniline	13.546	65	63097	22.329	ng/ul	99
47) Dimethylphthalate	13.916	163	262486	22.396	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	54500	24.064	ng/ul	94
50) Acenaphthylene	14.186	152	304205	23.047	ng/ul	99
51) 3-Nitroaniline	14.374	138	31325	16.597	ng/ul	95
52) Acenaphthene	14.527	153	208005	22.697	ng/ul	99
53) 2,4-Dinitrophenol	14.586	184	19976	16.573	ng/ul	94
55) 4-Nitrophenol	14.692	109	26931	19.844	ng/ul	89
56) Dibenzofuran	14.862	168	300496	23.028	ng/ul	99
57) 2,4-Dinitrotoluene	14.833	165	79503	24.338	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.091	232	67569	23.129	ng/ul#	95
59) Diethylphthalate	15.279	149	278296	23.049	ng/ul	98
61) Fluorene	15.514	166	250553	23.414	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.502	204	131066	23.071	ng/ul	99
63) 4-Nitroaniline	15.538	138	26440m	15.481	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.596	198	42588	21.127	ng/ul	96
67) N-Nitrosodiphenylamine	15.720	169	210091	22.038	ng/ul	99
68) 4-Bromophenyl-phenylether	16.401	248	91212	22.392	ng/ul	99
69) Hexachlorobenzene	16.519	284	104827	22.806	ng/ul	99
70) Atrazine	16.672	200	88755	23.747	ng/ul	99
71) Pentachlorophenol	16.866	266	45035	17.455	ng/ul	98
72) Phenanthrene	17.253	178	418974	22.925	ng/ul	99
74) Anthracene	17.341	178	425190	23.174	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.264	216	104709	21.707	ng/uL	97
76) Pentachlorobenzene	14.786	250	116577	22.099	ng/uL	96
77) Carbazole	17.612	167	376267	23.658	ng/ul	100
78) Di-n-butylphthalate	18.170	149	499538	24.718	ng/ul	100
80) Fluoranthene	19.269	202	518444	22.980	ng/ul	100
82) Pyrene	19.627	202	523664	22.908	ng/ul	99
83) Butylbenzylphthalate	20.514	149	216262	24.026	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.354	252	152500	20.489	ng/ul	98
85) Benzo(a)anthracene	21.431	228	513082	22.894	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.337	149	324475	25.344	ng/ul	99
87) Chrysene	21.495	228	494561	23.265	ng/ul	100
89) Di-n-octyl phthalate	22.488	149	570531	26.050	ng/ul	100
90) Benzo(b)fluoranthene	23.546	252	529482	22.232	ng/ul	99
91) Benzo(k)fluoranthene	23.611	252	550441	23.173	ng/ul	99
93) Benzo(a)pyrene	24.380	252	475578	22.451	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.011	276	632956	22.679	ng/ul	98
95) Dibenzo(a,h)anthracene	28.070	278	519081	22.681	ng/ul	99
96) Benzo(g,h,i)perylene	29.104	276	525109	23.093	ng/ul	98

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

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