Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070523\
Data File : BG058033.D
Acq On : 6 Jul 2023 3:02
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 06 03:38:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 05 23:20:13 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020495

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	44695	20.000	ng/ul	0.00
20) Naphthalene-d8	10.726	136	199862	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.557	164	144163	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.301	188	349171	20.000	ng/ul	0.00
79) Chrysene-d12	21.555	240	305059	20.000	ng/ul	0.00
88) Perylene-d12	24.710	264	387548	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	10982	8.604	ng/uL	0.00
4) Pyridine-d5	3.770	84	79746	20.580	ng/ul	0.00
7) Phenol-d5	7.083	99	91206	19.982	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.248	67	56090	20.391	ng/ul	0.00
11) 2-Chlorophenol-d4	7.454	132	62986	20.008	ng/ul	0.00
15) 4-Methylphenol-d8	8.629	113	69780	20.260	ng/ul	0.00
21) Nitrobenzene-d5	9.081	128	34024	20.887	ng/ul	0.00
24) 2-Nitrophenol-d4	9.804	143	37418	21.856	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.344	165	71664	21.821	ng/ul	0.00
31) 4-Chloroaniline-d4	10.855	131	107495	21.588	ng/ul	0.00
46) Dimethylphthalate-d6	13.958	166	238060	20.929	ng/ul	0.00
49) Acenaphthylene-d8	14.252	160	262164	21.121	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	38375m	19.096	ng/ul	-0.01
60) Fluorene-d10	15.550	176	205192	21.241	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.668	200	39626	20.900	ng/ul	0.00
73) Anthracene-d10	17.401	188	340631	21.023	ng/ul	0.00
81) Pyrene-d10	19.686	212	390323	20.316	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.492	264	398971	20.207	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.394	88	12213	7.745	ng/uL	99
5) Pyridine	3.787	79	83504	21.032	ng/ul	98
6) Benzaldehyde	7.054	77	22506	14.764	ng/ul	97
8) Phenol	7.113	94	95492	20.616	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.336	93	71977	20.125	ng/ul	100
12) 2-Chlorophenol	7.483	128	66017	20.152	ng/ul	96
13) 2-Methylphenol	8.364	108	73471	20.197	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.447	45	115611	21.000	ng/ul	99
16) Acetophenone	8.740	105	117054	20.485	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.723	70	64023	20.959	ng/ul	96
18) 4-Methylphenol	8.693	108	82069	20.864	ng/ul	93
19) Hexachloroethane	8.999	117	25538	20.335	ng/ul	94
22) Nitrobenzene	9.122	77	87238	20.630	ng/ul	99
23) Isophorone	9.639	82	190319	21.092	ng/ul	99
25) 2-Nitrophenol	9.839	139	39899	21.719	ng/ul	98
26) 2,4-Dimethylphenol	9.898	107	87300	21.133	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.127	93	105050	20.660	ng/ul	99
29) 2,4-Dichlorophenol	10.374	162	67807	21.235	ng/ul	95
30) Naphthalene	10.773	128	234413	20.870	ng/ul	99
32) 4-Chloroaniline	10.885	127	109096	21.427	ng/ul	99
33) Hexachlorobutadiene	11.055	225	47675	21.089	ng/ul	99
34) Caprolactam	11.631	113	27039m	21.062	ng/ul	
35) 4-Chloro-3-methylphenol	12.013	107	86029	21.932	ng/ul	98
36) 2-Methylnaphthalene	12.383	142	157731	20.833	ng/ul	97

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37) 1-Methylnaphthalene	12.601	142	159466	21.003	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.747	216	92503	21.056	ng/ul	98
40) Hexachlorocyclopentadiene	12.724	237	53065	19.176	ng/ul	98
41) 2,4,6-Trichlorophenol	12.988	196	64890	21.793	ng/ul	97
42) 2,4,5-Trichlorophenol	13.065	196	70495	21.891	ng/ul	98
43) 1,1'-Biphenyl	13.388	154	217399	20.926	ng/ul	98
44) 2-Chloronaphthalene	13.435	162	172869	20.733	ng/ul	100
45) 2-Nitroaniline	13.635	65	61873	21.343	ng/ul	97
47) Dimethylphthalate	14.005	163	240606	21.054	ng/ul	99
48) 2,6-Dinitrotoluene	14.128	165	50418	21.494	ng/ul	93
50) Acenaphthylene	14.281	152	281899	21.031	ng/ul	99
51) 3-Nitroaniline	14.463	138	37022	18.676	ng/ul	93
52) Acenaphthene	14.622	153	195092	21.211	ng/ul	97
53) 2,4-Dinitrophenol	14.669	184	23991	19.618	ng/ul	98
55) 4-Nitrophenol	14.774	109	29344	19.711	ng/ul	91
56) Dibenzofuran	14.957	168	277619	21.233	ng/ul	99
57) 2,4-Dinitrotoluene	14.915	165	73691	22.173	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.180	232	63838	21.776	ng/ul#	99
59) Diethylphthalate	15.368	149	247825	20.778	ng/ul	99
61) Fluorene	15.603	166	226119	21.078	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.591	204	122269	21.540	ng/ul	99
63) 4-Nitroaniline	15.620	138	29708m	16.729	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.679	198	41445	21.375	ng/ul	99
67) N-Nitrosodiphenylamine	15.809	169	196777	21.176	ng/ul	98
68) 4-Bromophenyl-phenylether	16.490	248	83741	21.849	ng/ul	99
69) Hexachlorobenzene	16.608	284	93739	21.844	ng/ul	99
70) Atrazine	16.754	200	78805	20.738	ng/ul	95
71) Pentachlorophenol	16.954	266	52092	20.220	ng/ul	98
72) Phenanthrene	17.342	178	372162	20.954	ng/ul	99
74) Anthracene	17.436	178	379380	21.108	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.358	216	97882	21.137	ng/uL	98
76) Pentachlorobenzene	14.874	250	109054	22.050	ng/uL	96
77) Carbazole	17.706	167	344155	21.172	ng/ul	99
78) Di-n-butylphthalate	18.259	149	430853	20.807	ng/ul	99
80) Fluoranthene	19.357	202	451602	20.285	ng/ul	99
82) Pyrene	19.716	202	456019	20.349	ng/ul	99
83) Butylbenzylphthalate	20.603	149	190872	21.004	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.455	252	149929	20.301	ng/ul	99
85) Benzo(a)anthracene	21.537	228	458094	20.914	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.437	149	272186	20.902	ng/ul	98
87) Chrysene	21.602	228	429846	20.934	ng/ul	99
89) Di-n-octyl phthalate	22.624	149	479625	20.142	ng/ul	100
90) Benzo(b)fluoranthene	23.705	252	482462	20.106	ng/ul	99
91) Benzo(k)fluoranthene	23.776	252	468813	19.932	ng/ul	99
93) Benzo(a)pyrene	24.563	252	426860	20.098	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.306	276	567405	20.118	ng/ul	98
95) Dibenzo(a,h)anthracene	28.370	278	478037	20.555	ng/ul	97
96) Benzo(g,h,i)perylene	29.434	276	459018	19.926	ng/ul	98

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

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