Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058269.D
Acq On : 15 Jul 2023 20:54
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 81 Sample Multiplier: 1

Quant Time: Jul 16 00:00:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 14:01:20 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020519

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

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07/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	50963	20.000	ng/ul	0.00
20) Naphthalene-d8	10.703	136	243254	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	174872	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.283	188	408541	20.000	ng/ul	0.00
79) Chrysene-d12	21.537	240	354742	20.000	ng/ul	0.00
88) Perylene-d12	24.674	264	446819	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	12906	8.868	ng/uL	0.00
4) Pyridine-d5	3.752	84	100263	22.692	ng/ul	0.00
7) Phenol-d5	7.066	99	116834	22.448	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	66334	21.149	ng/ul	0.00
11) 2-Chlorophenol-d4	7.436	132	80054	22.302	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	87997	22.407	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	41252	20.807	ng/ul	0.00
24) 2-Nitrophenol-d4	9.786	143	46811	22.465	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.326	165	90579	22.660	ng/ul	0.00
31) 4-Chloroaniline-d4	10.838	131	123257	20.338	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	266111	19.287	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	316041	20.990	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	41306	16.945	ng/ul	0.00
60) Fluorene-d10	15.532	176	242736	20.715	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	38858	17.516	ng/ul	0.00
73) Anthracene-d10	17.383	188	385354	20.327	ng/ul	0.00
81) Pyrene-d10	19.674	212	452314	20.245	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.457	264	467141	20.521	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.382	88	14052	7.815	ng/uL#	95
5) Pyridine	3.775	79	102455	22.631	ng/ul	99
6) Benzaldehyde	7.042	77	45478	26.165	ng/ul	94
8) Phenol	7.095	94	121148	22.938	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.324	93	85504	20.967	ng/ul	97
12) 2-Chlorophenol	7.465	128	83911	22.464	ng/ul	96
13) 2-Methylphenol	8.341	108	92787	22.370	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.429	45	140414	22.368	ng/ul	98
16) Acetophenone	8.723	105	137466	21.098	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.699	70	72572	20.835	ng/ul	97
18) 4-Methylphenol	8.670	108	102919	22.947	ng/ul	96
19) Hexachloroethane	8.981	117	32743	22.865	ng/ul	95
22) Nitrobenzene	9.104	77	107384	20.864	ng/ul	96
23) Isophorone	9.621	82	214334	19.516	ng/ul	97
25) 2-Nitrophenol	9.815	139	49235	22.020	ng/ul	90
26) 2,4-Dimethylphenol	9.874	107	110363	21.950	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.109	93	121999	19.713	ng/ul	100
29) 2,4-Dichlorophenol	10.350	162	88333	22.728	ng/ul	94
30) Naphthalene	10.755	128	290920	21.281	ng/ul	98
32) 4-Chloroaniline	10.867	127	129947	20.970	ng/ul	100
33) Hexachlorobutadiene	11.032	225	60967	22.158	ng/ul	97
34) Caprolactam	11.613	113	29555	18.915	ng/ul	90
35) 4-Chloro-3-methylphenol	11.989	107	106566	22.321	ng/ul	99
36) 2-Methylnaphthalene	12.365	142	193728	21.023	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.583	142	198062	21.433	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.730	216	115870	21.743	ng/ul	99
40) Hexachlorocyclopentadiene	12.706	237	53535	15.949	ng/ul	96
41) 2,4,6-Trichlorophenol	12.970	196	80063	22.167	ng/ul	100
42) 2,4,5-Trichlorophenol	13.047	196	84918	21.739	ng/ul	96
43) 1,1'-Biphenyl	13.370	154	264722	21.006	ng/ul	99
44) 2-Chloronaphthalene	13.417	162	213570	21.116	ng/ul	99
45) 2-Nitroaniline	13.617	65	75393	21.440	ng/ul	97
47) Dimethylphthalate	13.987	163	270015	19.479	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	58489	20.556	ng/ul	99
50) Acenaphthylene	14.263	152	343241	21.111	ng/ul	100
51) 3-Nitroaniline	14.445	138	46774	19.452	ng/ul	100
52) Acenaphthene	14.604	153	233275	20.909	ng/ul	97
53) 2,4-Dinitrophenol	14.657	184	24283	16.370	ng/ul	99
55) 4-Nitrophenol	14.757	109	31003	17.168	ng/ul	84
56) Dibenzofuran	14.939	168	331472	20.900	ng/ul	100
57) 2,4-Dinitrotoluene	14.903	165	83596	20.736	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.162	232	74618	20.984	ng/ul#	98
59) Diethylphthalate	15.350	149	276816	19.133	ng/ul	99
61) Fluorene	15.585	166	268968	20.669	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.573	204	143987	20.912	ng/ul	98
63) 4-Nitroaniline	15.609	138	31728m	14.729	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.667	198	39526	17.423	ng/ul	99
67) N-Nitrosodiphenylamine	15.791	169	225450	20.736	ng/ul	98
68) 4-Bromophenyl-phenylether	16.472	248	96376	21.491	ng/ul	99
69) Hexachlorobenzene	16.590	284	110471	22.002	ng/ul	98
70) Atrazine	16.737	200	89455	20.120	ng/ul	96
71) Pentachlorophenol	16.936	266	55382	18.373	ng/ul	97
72) Phenanthrene	17.324	178	426937	20.544	ng/ul	99
74) Anthracene	17.418	178	433417	20.610	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.341	216	122264	22.565	ng/uL	98
76) Pentachlorobenzene	14.856	250	128923	22.279	ng/uL	97
77) Carbazole	17.688	167	394000	20.716	ng/ul	98
78) Di-n-butylphthalate	18.241	149	487515	20.122	ng/ul	100
80) Fluoranthene	19.339	202	517098	19.974	ng/ul	98
82) Pyrene	19.698	202	521805	20.024	ng/ul	98
83) Butylbenzylphthalate	20.585	149	219376	20.760	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.437	252	189276	22.040	ng/ul	100
85) Benzo(a)anthracene	21.519	228	530071	20.811	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.419	149	319514	21.100	ng/ul	99
87) Chrysene	21.578	228	503305	21.079	ng/ul	99
89) Di-n-octyl phthalate	22.594	149	565384	20.594	ng/ul	100
90) Benzo(b)fluoranthene	23.676	252	566539	20.478	ng/ul	99
91) Benzo(k)fluoranthene	23.740	252	551046	20.321	ng/ul	99
93) Benzo(a)pyrene	24.528	252	496277	20.267	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.253	276	641034	19.714	ng/ul	98
95) Dibenzo(a,h)anthracene	28.305	278	543737	20.278	ng/ul	99
96) Benzo(g,h,i)perylene	29.375	276	492632	18.548	ng/ul	99

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

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