Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058433.D
Acq On : 24 Jul 2023 21:33
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 24 22:44:53 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 :
SSTD020537

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	44376	20.000	ng/ul	0.00
20) Naphthalene-d8	10.620	136	214500	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	157986	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.207	188	377588	20.000	ng/ul	0.00
79) Chrysene-d12	21.449	240	318529	20.000	ng/ul	0.00
88) Perylene-d12	24.522	264	395536	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.241	96	11458	9.503	ng/uL	0.00
4) Pyridine-d5	3.652	84	74516	20.823	ng/ul	0.00
7) Phenol-d5	6.989	99	86356	20.514	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.148	67	56636	21.525	ng/ul	0.00
11) 2-Chlorophenol-d4	7.348	132	65405	22.196	ng/ul	0.00
15) 4-Methylphenol-d8	8.529	113	67834	21.126	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	34170	21.253	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	38669	22.030	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.244	165	74878	22.253	ng/ul	0.00
31) 4-Chloroaniline-d4	10.755	131	99037	20.303	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	265833	21.820	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	295602	23.154	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	33295	18.096	ng/ul	0.00
60) Fluorene-d10	15.456	176	230157	22.819	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	42149	21.910	ng/ul	0.00
73) Anthracene-d10	17.306	188	378098	23.175	ng/ul	0.00
81) Pyrene-d10	19.598	212	432910	23.011	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.310	264	427004	22.336	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.276	88	13824	10.108	ng/uL	89
5) Pyridine	3.670	79	75605	20.005	ng/ul	100
6) Benzaldehyde	6.954	77	23816m	14.009	ng/ul	
8) Phenol	7.013	94	88193	20.174	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.236	93	74256	22.172	ng/ul	98
12) 2-Chlorophenol	7.383	128	67615	21.921	ng/ul	98
13) 2-Methylphenol	8.264	108	74288	21.803	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.346	45	130580m	23.792	ng/ul	
16) Acetophenone	8.640	105	126530	23.139	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.623	70	69689	23.285	ng/ul	99
18) 4-Methylphenol	8.593	108	81925	22.125	ng/ul	94
19) Hexachloroethane	8.899	117	28476	23.421	ng/ul	86
22) Nitrobenzene	9.022	77	87968	20.517	ng/ul	99
23) Isophorone	9.539	82	215404	22.408	ng/ul	99
25) 2-Nitrophenol	9.733	139	41927	22.363	ng/ul	90
26) 2,4-Dimethylphenol	9.798	107	93660	22.404	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.027	93	113046	22.205	ng/ul	99
29) 2,4-Dichlorophenol	10.274	162	72414	22.675	ng/ul	93
30) Naphthalene	10.667	128	260464	22.718	ng/ul	99
32) 4-Chloroaniline	10.785	127	104153	20.891	ng/ul	98
33) Hexachlorobutadiene	10.949	225	52487	22.984	ng/ul	96
34) Caprolactam	11.566	113	29872m	22.520	ng/ul	
35) 4-Chloro-3-methylphenol	11.913	107	87107	21.432	ng/ul	98
36) 2-Methylnaphthalene	12.283	142	175698	22.873	ng/ul	99

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37) 1-Methylnaphthalene	12.500	142	179348	22.781	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.653	216	102009	22.305	ng/ul	97
40) Hexachlorocyclopentadiene	12.630	237	44995	18.293	ng/ul	100
41) 2,4,6-Trichlorophenol	12.900	196	70619	22.810	ng/ul	98
42) 2,4,5-Trichlorophenol	12.976	196	73359	22.221	ng/ul	96
43) 1,1'-Biphenyl	13.294	154	239711	22.439	ng/ul	99
44) 2-Chloronaphthalene	13.341	162	194336	22.880	ng/ul	96
45) 2-Nitroaniline	13.546	65	63616	21.562	ng/ul	99
47) Dimethylphthalate	13.916	163	271920	22.221	ng/ul	99
48) 2,6-Dinitrotoluene	14.046	165	55417	23.435	ng/ul	93
50) Acenaphthylene	14.187	152	319285	23.168	ng/ul	99
51) 3-Nitroaniline	14.375	138	29744	15.094	ng/ul	96
52) Acenaphthene	14.527	153	218289	22.814	ng/ul	97
53) 2,4-Dinitrophenol	14.586	184	23901	18.992	ng/ul	96
55) 4-Nitrophenol	14.692	109	32770	23.127	ng/ul	91
56) Dibenzofuran	14.862	168	306062	22.465	ng/ul	99
57) 2,4-Dinitrotoluene	14.833	165	78411	22.990	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.091	232	68408	22.428	ng/ul#	97
59) Diethylphthalate	15.279	149	277509	22.013	ng/ul	99
61) Fluorene	15.514	166	257732	23.068	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.503	204	135218	22.797	ng/ul	98
63) 4-Nitroaniline	15.538	138	26653m	14.947	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.597	198	44459	22.463	ng/ul#	99
67) N-Nitrosodiphenylamine	15.720	169	211459	22.592	ng/ul	98
68) 4-Bromophenyl-phenylether	16.396	248	90532	22.636	ng/ul	98
69) Hexachlorobenzene	16.519	284	104858	23.235	ng/ul	98
70) Atrazine	16.666	200	86420	23.550	ng/ul	98
71) Pentachlorophenol	16.866	266	48913m	19.309	ng/ul	
72) Phenanthrene	17.254	178	413738	23.057	ng/ul	99
74) Anthracene	17.342	178	416217	23.105	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.264	216	111186	23.476	ng/uL	97
76) Pentachlorobenzene	14.786	250	121030	23.368	ng/uL	97
77) Carbazole	17.612	167	362223	23.197	ng/ul	99
78) Di-n-butylphthalate	18.170	149	477981	24.089	ng/ul	99
80) Fluoranthene	19.263	202	498769	23.142	ng/ul	99
82) Pyrene	19.627	202	507637	23.246	ng/ul	99
83) Butylbenzylphthalate	20.514	149	209263	24.335	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.355	252	134175	18.870	ng/ul	98
85) Benzo(a)anthracene	21.431	228	474927	22.183	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.337	149	313547	25.635	ng/ul	99
87) Chrysene	21.496	228	464135	22.855	ng/ul	98
89) Di-n-octyl phthalate	22.489	149	545771	25.933	ng/ul	100
90) Benzo(b)fluoranthene	23.546	252	515613	22.530	ng/ul	99
91) Benzo(k)fluoranthene	23.605	252	509697	22.331	ng/ul	99
93) Benzo(a)pyrene	24.375	252	448429	22.030	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.012	276	599368	22.349	ng/ul	98
95) Dibenzo(a,h)anthracene	28.064	278	480661	21.857	ng/ul	98
96) Benzo(g,h,i)perylene	29.104	276	497930	22.788	ng/ul	99

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

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