Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071924\
Data File : BG062154.D
Acq On : 20 Jul 2024 1:04
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020580

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 20 01:49:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	45820	20.000	ng/ul	0.00
20) Naphthalene-d8	10.877	136	202776	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.696	164	183668	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	514743	20.000	ng/ul	0.00
79) Chrysene-d12	21.698	240	516530	20.000	ng/ul	0.00
88) Perylene-d12	24.929	264	520524	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	9371	9.549	ng/uL	0.00
4) Pyridine-d5	3.875	84	78995	22.153	ng/ul	0.00
7) Phenol-d5	7.235	99	94675	20.988	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.388	67	53114	20.493	ng/ul	0.00
11) 2-Chlorophenol-d4	7.599	132	58873	20.709	ng/ul	0.00
15) 4-Methylphenol-d8	8.780	113	70926	20.645	ng/ul	0.00
21) Nitrobenzene-d5	9.232	128	32535	20.139	ng/ul	0.00
24) 2-Nitrophenol-d4	9.955	143	39929	20.535	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.501	165	81997	20.144	ng/ul	0.00
31) 4-Chloroaniline-d4	11.012	131	101332	20.694	ng/ul	0.00
46) Dimethylphthalate-d6	14.091	166	312244	20.057	ng/ul	0.00
49) Acenaphthylene-d8	14.390	160	323958	20.522	ng/ul	0.00
54) 4-Nitrophenol-d4	14.919	143	39430	21.018	ng/ul	0.00
60) Fluorene-d10	15.683	176	270287	20.391	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	63543	19.425	ng/ul	0.00
73) Anthracene-d10	17.533	188	486855	20.247	ng/ul	0.00
81) Pyrene-d10	19.818	212	608060	20.762	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.706	264	543808	20.899	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.487	88	10833	8.420	ng/uL	86
5) Pyridine	3.893	79	83426	22.864	ng/ul	97
6) Benzaldehyde	7.200	77	60250	25.440	ng/ul	97
8) Phenol	7.265	94	92046	20.682	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.482	93	60911	19.870	ng/ul#	93
12) 2-Chlorophenol	7.629	128	57902	20.062	ng/ul	93
13) 2-Methylphenol	8.516	108	70176	21.044	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.580	45	112098	20.663	ng/ul#	95
16) Acetophenone	8.892	105	127193	21.207	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.868	70	70535	20.553	ng/ul	96
18) 4-Methylphenol	8.845	108	79348	21.578	ng/ul	96
19) Hexachloroethane	9.144	117	26475	20.490	ng/ul	89
22) Nitrobenzene	9.279	77	107268	20.532	ng/ul	97
23) Isophorone	9.791	82	209156	19.735	ng/ul	99
25) 2-Nitrophenol	9.990	139	39164	19.045	ng/ul#	85
26) 2,4-Dimethylphenol	10.049	107	99219	20.106	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.278	93	97444	19.758	ng/ul#	95
29) 2,4-Dichlorophenol	10.531	162	80230	20.747	ng/ul	93
30) Naphthalene	10.930	128	220801	20.185	ng/ul	98
32) 4-Chloroaniline	11.036	127	95711	20.794	ng/ul	93
33) Hexachlorobutadiene	11.195	225	77221	21.016	ng/ul	97
34) Caprolactam	11.805	113	28193m	21.351	ng/ul	
35) 4-Chloro-3-methylphenol	12.164	107	102202	22.041	ng/ul	94
36) 2-Methylnaphthalene	12.528	142	168877	20.450	ng/ul	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.745	142	181582	21.325	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.886	216	147249	19.881	ng/ul#	97
40) Hexachlorocyclopentadiene	12.857	237	93050	25.617	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.133	196	83222	20.032	ng/ul	92
42) 2,4,5-Trichlorophenol	13.215	196	89587	19.811	ng/ul	89
43) 1,1'-Biphenyl	13.527	154	259103	19.930	ng/ul	98
44) 2-Chloronaphthalene	13.574	162	211995	19.832	ng/ul	98
45) 2-Nitroaniline	13.785	65	83220	21.126	ng/ul	95
47) Dimethylphthalate	14.138	163	295256	19.918	ng/ul#	96
48) 2,6-Dinitrotoluene	14.273	165	64528	21.257	ng/ul#	85
50) Acenaphthylene	14.420	152	345390	20.070	ng/ul	99
51) 3-Nitroaniline	14.608	138	54647	22.284	ng/ul#	97
52) Acenaphthene	14.754	153	225953	19.780	ng/ul	96
53) 2,4-Dinitrophenol	14.819	184	24678	15.185	ng/ul#	92
55) 4-Nitrophenol	14.931	109	54042	18.821	ng/ul#	85
56) Dibenzofuran	15.089	168	349676	20.329	ng/ul	99
57) 2,4-Dinitrotoluene	15.060	165	97089	20.843	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.318	232	87153	21.904	ng/ul	97
59) Diethylphthalate	15.495	149	293369	20.016	ng/ul	97
61) Fluorene	15.741	166	298598	20.244	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.724	204	185658	20.326	ng/ul	96
63) 4-Nitroaniline	15.771	138	59714m	22.755	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.824	198	59305	19.310	ng/ul#	98
67) N-Nitrosodiphenylamine	15.941	169	251833	20.000	ng/ul	98
68) 4-Bromophenyl-phenylether	16.622	248	119094	19.868	ng/ul	97
69) Hexachlorobenzene	16.734	284	128422	20.189	ng/ul	97
70) Atrazine	16.887	200	133779	21.084	ng/ul	96
71) Pentachlorophenol	17.092	266	53814	22.943	ng/ul	94
72) Phenanthrene	17.480	178	508954	20.547	ng/ul	97
74) Anthracene	17.568	178	509664	19.986	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.497	216	147755	20.040	ng/ul	93
76) Pentachlorobenzene	15.007	250	152296	20.872	ng/ul	92
77) Carbazole	17.844	167	442537	20.410	ng/ul	98
78) Di-n-butylphthalate	18.379	149	492502	19.813	ng/ul	99
80) Fluoranthene	19.483	202	700031	20.836	ng/ul	99
82) Pyrene	19.848	202	706831	20.234	ng/ul	100
83) Butylbenzylphthalate	20.717	149	212521	20.502	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.592	252	247680	22.094	ng/ul	98
85) Benzo(a)anthracene	21.680	228	731728	20.183	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.563	149	299277	20.140	ng/ul	95
87) Chrysene	21.745	228	676045	20.283	ng/ul	99
89) Di-n-octyl phthalate	22.773	149	504470	21.067	ng/ul	100
90) Benzo(b)fluoranthene	23.901	252	668054	20.773	ng/ul	99
91) Benzo(k)fluoranthene	23.965	252	659804	20.554	ng/ul	99
93) Benzo(a)pyrene	24.776	252	619583	20.572	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.606	276	720047	20.809	ng/ul	99
95) Dibenzo(a,h)anthracene	28.677	278	602733	21.007	ng/ul	100
96) Benzo(g,h,i)perylene	29.775	276	569280	20.550	ng/ul	95

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

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