Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030723\
Data File : BG056873.D
Acq On : 7 Mar 2023 16:00
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SICV427

Quant Time: Mar 07 23:57:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 23:54:44 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	14085	20.000	ng/ul	0.00
20) Naphthalene-d8	11.264	136	60697	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.036	164	51693	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.780	188	141362	20.000	ng/ul	0.00
79) Chrysene-d12	22.104	240	133252	20.000	ng/ul	0.00
88) Perylene-d12	25.659	264	145693	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.690	96	2183	6.011	ng/uL	0.00
4) Pyridine-d5	4.137	84	21096	17.855	ng/ul	0.00
7) Phenol-d5	7.539	99	25653	17.770	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.721	67	18203	20.075	ng/ul	0.00
11) 2-Chlorophenol-d4	7.944	132	16474	18.234	ng/ul	0.00
15) 4-Methylphenol-d8	9.107	113	19641	18.031	ng/ul	0.00
21) Nitrobenzene-d5	9.595	128	9406	18.684	ng/ul	0.00
24) 2-Nitrophenol-d4	10.324	143	11162	18.742	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.870	165	21499	18.637	ng/ul	0.00
31) 4-Chloroaniline-d4	11.387	131	27304	17.963	ng/ul	0.00
46) Dimethylphthalate-d6	14.419	166	79402	17.958	ng/ul	0.00
49) Acenaphthylene-d8	14.736	160	87110	17.943	ng/ul	0.00
54) 4-Nitrophenol-d4	15.194	143	13961	18.634	ng/ul	0.00
60) Fluorene-d10	16.023	176	72938	17.789	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.123	200	18019	17.637	ng/ul	0.00
73) Anthracene-d10	17.874	188	123664	18.100	ng/ul	0.00
81) Pyrene-d10	20.141	212	151898	18.715	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.418	264	142526	17.866	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.731	88	2848	7.036	ng/uL#	76
5) Pyridine	4.154	79	22239	17.568	ng/ul	97
6) Benzaldehyde	7.539	77	20618	27.134	ng/ul	94
8) Phenol	7.568	94	27038	18.371	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.815	93	19183	18.553	ng/ul	98
12) 2-Chlorophenol	7.973	128	17189	18.517	ng/ul	96
13) 2-Methylphenol	8.849	108	20217	18.684	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.931	45	27615	19.460	ng/ul#	91
16) Acetophenone	9.242	105	36708	19.692	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.219	70	20422	18.835	ng/ul	92
18) 4-Methylphenol	9.178	108	21313	18.147	ng/ul	87
19) Hexachloroethane	9.524	117	7029	18.335	ng/ul	84
22) Nitrobenzene	9.636	77	29733	18.927	ng/ul#	94
23) Isophorone	10.159	82	56025	18.269	ng/ul	99
25) 2-Nitrophenol	10.359	139	11627	18.673	ng/ul	90
26) 2,4-Dimethylphenol	10.394	107	26087	19.111	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.635	93	28263	18.933	ng/ul#	89
29) 2,4-Dichlorophenol	10.899	162	21527	19.356	ng/ul	93
30) Naphthalene	11.311	128	62013	18.496	ng/ul	96
32) 4-Chloroaniline	11.411	127	28327	19.021	ng/ul	98
33) Hexachlorobutadiene	11.593	225	16909	19.319	ng/ul	91
34) Caprolactam	12.151	113	8507	20.876	ng/ul	86
35) 4-Chloro-3-methylphenol	12.492	107	26143	20.246	ng/ul	97
36) 2-Methylnaphthalene	12.891	142	49037	20.333	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.103	142	44098	18.300	ng/ul#	90
39) 1,2,4,5-Tetrachloroben...	13.250	216	34625	18.126	ng/ul#	96
40) Hexachlorocyclopentadiene	13.226	237	22763	17.525	ng/ul	91
41) 2,4,6-Trichlorophenol	13.473	196	23326	18.752	ng/ul	92
42) 2,4,5-Trichlorophenol	13.543	196	25308	18.278	ng/ul	93
43) 1,1'-Biphenyl	13.872	154	70630	18.244	ng/ul	98
44) 2-Chloronaphthalene	13.925	162	57762	18.095	ng/ul	93
45) 2-Nitroaniline	14.113	65	22648	19.240	ng/ul	90
47) Dimethylphthalate	14.466	163	81344	18.199	ng/ul	97
48) 2,6-Dinitrotoluene	14.595	165	16817	18.710	ng/ul	97
50) Acenaphthylene	14.765	152	88941	18.128	ng/ul	99
51) 3-Nitroaniline	14.924	138	17543	21.632	ng/ul	99
52) Acenaphthene	15.100	153	60744	17.702	ng/ul	94
53) 2,4-Dinitrophenol	15.130	184	12196	18.510	ng/ul	97
55) 4-Nitrophenol	15.212	109	17799	18.430	ng/ul	96
56) Dibenzofuran	15.429	168	95642	18.233	ng/ul	99
57) 2,4-Dinitrotoluene	15.376	165	25341	18.288	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.647	232	25836	19.362	ng/ul	100
59) Diethylphthalate	15.817	149	82034	18.158	ng/ul	97
61) Fluorene	16.076	166	76451	18.302	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.058	204	45569	18.183	ng/ul	95
63) 4-Nitroaniline	16.082	138	18632	23.159	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.140	198	17738	18.142	ng/ul#	97
67) N-Nitrosodiphenylamine	16.270	169	71793	18.912	ng/ul	97
68) 4-Bromophenyl-phenylether	16.951	248	31683	18.070	ng/ul	99
69) Hexachlorobenzene	17.080	284	35258	18.537	ng/ul	96
70) Atrazine	17.198	200	33140	19.416	ng/ul	96
71) Pentachlorophenol	17.421	266	20204	18.021	ng/ul	97
72) Phenanthrene	17.821	178	138467	18.201	ng/ul	99
74) Anthracene	17.909	178	141228	18.223	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.849	216	34961	17.256	ng/uL	98
76) Pentachlorobenzene	15.347	250	36826	17.410	ng/uL	95
77) Carbazole	18.173	167	126684	19.262	ng/ul	99
78) Di-n-butylphthalate	18.696	149	140224	18.433	ng/ul	100
80) Fluoranthene	19.807	202	182345	18.847	ng/ul	99
82) Pyrene	20.171	202	181889	18.775	ng/ul	99
83) Butylbenzylphthalate	21.029	149	60872	18.945	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.980	252	72774	22.545	ng/ul	97
85) Benzo(a)anthracene	22.086	228	183073	18.793	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.939	149	86303	18.796	ng/ul	97
87) Chrysene	22.157	228	168338	18.648	ng/ul	98
89) Di-n-octyl phthalate	23.267	149	146324	18.441	ng/ul	100
90) Benzo(b)fluoranthene	24.519	252	180868	18.161	ng/ul	100
91) Benzo(k)fluoranthene	24.595	252	177986	18.603	ng/ul	98
93) Benzo(a)pyrene	25.488	252	157463	18.505	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.760	276	210322	18.087	ng/ul	99
95) Dibenzo(a,h)anthracene	29.830	278	176817	18.426	ng/ul#	98
96) Benzo(g,h,i)perylene	31.052	276	167805	17.997	ng/ul#	90

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

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