Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
Data File : BG052754.D
Acq On : 19 Mar 2022 20:56
Operator : CG/JU
Sample : N1820-04MS
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBRZ5MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/21/2022
Supervised By :Yogesh Patel 03/24/2022

Quant Time: Mar 21 00:52:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 18 00:55:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.148	152	30013	20.000	ng/ul	0.00
20) Naphthalene-d8	10.962	136	125570	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.769	164	90183	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.512	188	217708	20.000	ng/ul	0.00
79) Chrysene-d12	21.800	240	210487	20.000	ng/ul	0.00
88) Perylene-d12	25.114	264	228273	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.560	96	7046	8.293	ng/uL	0.00
4) Pyridine-d5	3.977	84	94207	44.412	ng/ul	0.00
7) Phenol-d5	7.291	99	132252	49.198	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.467	67	82600	50.311	ng/ul	0.00
11) 2-Chlorophenol-d4	7.678	132	91418	50.085	ng/ul	0.00
15) 4-Methylphenol-d8	8.841	113	98357	50.511	ng/ul	0.00
21) Nitrobenzene-d5	9.306	128	46531	51.478	ng/ul	0.00
24) 2-Nitrophenol-d4	10.034	143	51064	53.560	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	107467	51.814	ng/ul	0.00
31) 4-Chloroaniline-d4	11.085	131	123980	45.227	ng/ul	0.00
46) Dimethylphthalate-d6	14.164	166	346535	50.018	ng/ul	0.00
49) Acenaphthylene-d8	14.463	160	414512	49.236	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	57067	48.990	ng/ul	0.00
60) Fluorene-d10	15.756	176	305714	50.254	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.867	200	56216	50.740	ng/ul	0.00
73) Anthracene-d10	17.612	188	493678	48.697	ng/ul	0.00
81) Pyrene-d10	19.891	212	605678	51.437	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.896	264	589573	49.985	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.590	88	17420	16.733	ng/uL#	93
5) Pyridine	3.995	79	117102	51.091	ng/ul	94
6) Benzaldehyde	7.273	77	100480m	56.227	ng/ul	
8) Phenol	7.320	94	144759	55.875	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.555	93	108057	55.287	ng/ul	97
12) 2-Chlorophenol	7.708	128	100502	53.892	ng/ul	92
13) 2-Methylphenol	8.577	108	111892	55.570	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.677	45	180588	56.845	ng/ul	98
16) Acetophenone	8.971	105	164083	54.013	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.959	70	99293	56.067	ng/ul	98
18) 4-Methylphenol	8.912	108	116483	55.525	ng/ul	99
19) Hexachloroethane	9.241	117	43413	52.467	ng/ul	93
22) Nitrobenzene	9.347	77	143118	54.188	ng/ul	92
23) Isophorone	9.881	82	271565	53.793	ng/ul	98
25) 2-Nitrophenol	10.063	139	58077	58.744	ng/ul	96
26) 2,4-Dimethylphenol	10.116	107	121576	49.628	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.357	93	149803	53.360	ng/ul	98
29) 2,4-Dichlorophenol	10.598	162	108079	53.595	ng/ul	94
30) Naphthalene	11.015	128	340901	52.460	ng/ul	98
32) 4-Chloroaniline	11.109	127	135504	50.305	ng/ul	99
33) Hexachlorobutadiene	11.303	225	87364	53.047	ng/ul	97
34) Caprolactam	11.873	113	37338m	61.477	ng/ul	
35) 4-Chloro-3-methylphenol	12.219	107	125491	57.367	ng/ul	94
36) 2-Methylnaphthalene	12.607	142	239992	52.332	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.824	142	247090	53.221	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.971	216	153659	51.549	ng/ul	96
40) Hexachlorocyclopentadiene	12.959	237	99583	48.256	ng/ul	96
41) 2,4,6-Trichlorophenol	13.200	196	102170	56.092	ng/ul	95
42) 2,4,5-Trichlorophenol	13.277	196	112337	57.110	ng/ul	96
43) 1,1'-Biphenyl	13.606	154	326623	50.683	ng/ul	98
44) 2-Chloronaphthalene	13.647	162	264119	51.183	ng/ul	96
45) 2-Nitroaniline	13.841	65	94093	62.204	ng/ul	95
47) Dimethylphthalate	14.217	163	352964	53.385	ng/ul	100
48) 2,6-Dinitrotoluene	14.328	165	72487	60.522	ng/ul	98
50) Acenaphthylene	14.493	152	423551	52.092	ng/ul	99
51) 3-Nitroaniline	14.657	138	70834	58.593	ng/ul	98
52) Acenaphthene	14.833	153	284887	53.633	ng/ul	99
53) 2,4-Dinitrophenol	14.857	184	45292	60.872	ng/ul#	69
55) 4-Nitrophenol	14.957	109	71762	58.537	ng/ul	92
56) Dibenzofuran	15.162	168	419249	53.240	ng/ul	99
57) 2,4-Dinitrotoluene	15.115	165	102779	60.481	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.386	232	101650	57.331	ng/ul#	97
59) Diethylphthalate	15.579	149	368916	55.094	ng/ul	100
61) Fluorene	15.814	166	338315	51.831	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.803	204	186544	53.708	ng/ul	98
63) 4-Nitroaniline	15.820	138	71425	60.079	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.879	198	65151	60.102	ng/ul	98
67) N-Nitrosodiphenylamine	16.014	169	305403	51.884	ng/ul	98
68) 4-Bromophenyl-phenylether	16.696	248	129265	59.966	ng/ul	96
69) Hexachlorobenzene	16.819	284	150757	54.141	ng/ul#	90
70) Atrazine	16.960	200	132765	55.035	ng/ul	99
71) Pentachlorophenol	17.154	266	94814m	55.994	ng/ul	
72) Phenanthrene	17.553	178	598507	52.381	ng/ul	98
74) Anthracene	17.647	178	578022	50.600	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.570	216	167491	51.655	ng/uL	97
76) Pentachlorobenzene	15.086	250	170273	54.735	ng/uL	97
77) Carbazole	17.906	167	542124	53.699	ng/ul	99
78) Di-n-butylphthalate	18.464	149	645842	53.797	ng/ul	99
80) Fluoranthene	19.556	202	763889	55.051	ng/ul	98
82) Pyrene	19.921	202	741793	53.784	ng/ul	98
83) Butylbenzylphthalate	20.802	149	283806	59.185	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.689	252	238468	50.548	ng/ul	95
85) Benzo(a)anthracene	21.783	228	719930	52.994	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.683	149	384174	57.842	ng/ul	97
87) Chrysene	21.847	228	693874	53.549	ng/ul	99
89) Di-n-octyl phthalate	22.934	149	658131	55.353	ng/ul	100
90) Benzo(b)fluoranthene	24.062	252	769450	52.201	ng/ul	98
91) Benzo(k)fluoranthene	24.133	252	703554	51.718	ng/ul	99
93) Benzo(a)pyrene	24.967	252	721005	51.810	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.908	276	846881m	53.809	ng/ul	
95) Dibenzo(a,h)anthracene	28.985	278	714181	53.389	ng/ul	99
96) Benzo(g,h,i)perylene	30.095	276	715108	53.750	ng/ul	99

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

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