Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070823\
Data File : BG058117.D
Acq On : 9 Jul 2023 8:28
Operator : CG/JU
Sample : 03349-07MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YBW01MS

Quant Time: Jul 10 00:39:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:01:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	61049	20.000	ng/ul	0.00
20) Naphthalene-d8	10.718	136	281949	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.554	164	208362	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	513624	20.000	ng/ul	0.00
79) Chrysene-d12	21.552	240	451796	20.000	ng/ul	0.00
88) Perylene-d12	24.707	264	573113	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	4064	2.331	ng/uL	0.00
4) Pyridine-d5	3.761	84	61879	11.691	ng/ul	0.00
7) Phenol-d5	7.081	99	87705	14.067	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.239	67	52370	13.939	ng/ul	0.00
11) 2-Chlorophenol-d4	7.451	132	58123	13.517	ng/ul	0.00
15) 4-Methylphenol-d8	8.626	113	67376	14.322	ng/ul	0.00
21) Nitrobenzene-d5	9.078	128	32251	14.034	ng/ul	0.00
24) 2-Nitrophenol-d4	9.801	143	36610	15.158	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.342	165	70733	15.267	ng/ul	0.00
31) 4-Chloroaniline-d4	10.859	131	93137	13.259	ng/ul	0.00
46) Dimethylphthalate-d6	13.955	166	237346	14.437	ng/ul	0.00
49) Acenaphthylene-d8	14.249	160	264043	14.718	ng/ul	0.00
54) 4-Nitrophenol-d4	14.754	143	35097	12.083	ng/ul	0.00
60) Fluorene-d10	15.547	176	209965	15.038	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.665	200	36232	12.991	ng/ul	0.00
73) Anthracene-d10	17.398	188	345200	14.484	ng/ul	0.00
81) Pyrene-d10	19.684	212	412341	14.491	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.490	264	433205	14.836	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.391	88	14844	6.892	ng/uL	93
5) Pyridine	3.785	79	100313	18.497	ng/ul	95
6) Benzaldehyde	7.051	77	66988	32.173	ng/ul	95
8) Phenol	7.104	94	134055	21.189	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.333	93	98392	20.141	ng/ul	98
12) 2-Chlorophenol	7.480	128	91983	20.556	ng/ul	98
13) 2-Methylphenol	8.356	108	103898	20.910	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.444	45	156795	20.851	ng/ul	98
16) Acetophenone	8.738	105	166883	21.381	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.720	70	86254	20.672	ng/ul	99
18) 4-Methylphenol	8.685	108	115722	21.539	ng/ul	100
19) Hexachloroethane	8.996	117	34240	19.960	ng/ul	95
22) Nitrobenzene	9.119	77	125114	20.973	ng/ul	99
23) Isophorone	9.636	82	265217	20.835	ng/ul	99
25) 2-Nitrophenol	9.830	139	56704	21.880	ng/ul	99
26) 2,4-Dimethylphenol	9.889	107	114689	19.680	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.124	93	148197	20.660	ng/ul	98
29) 2,4-Dichlorophenol	10.365	162	97282	21.595	ng/ul	95
30) Naphthalene	10.770	128	328238	20.716	ng/ul	98
32) 4-Chloroaniline	10.876	127	119720	16.668	ng/ul	98
33) Hexachlorobutadiene	11.052	225	66283	20.784	ng/ul	94
34) Caprolactam	11.640	113	38605	21.316	ng/ul	91
35) 4-Chloro-3-methylphenol	12.004	107	125962	22.763	ng/ul	98
36) 2-Methylnaphthalene	12.380	142	227443	21.294	ng/ul	95

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.598	142	230461	21.516	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.745	216	132971	20.941	ng/ul	96
40)	Hexachlorocyclopentadiene	12.721	237	63340	15.837	ng/ul	96
41)	2,4,6-Trichlorophenol	12.985	196	92895	21.585	ng/ul	99
42)	2,4,5-Trichlorophenol	13.062	196	98117	21.081	ng/ul	94
43)	1,1'-Biphenyl	13.385	154	309696	20.625	ng/ul	100
44)	2-Chloronaphthalene	13.432	162	249137	20.674	ng/ul	99
45)	2-Nitroaniline	13.632	65	91400	21.814	ng/ul	96
47)	Dimethylphthalate	14.002	163	343975	20.826	ng/ul	100
48)	2,6-Dinitrotoluene	14.131	165	73783	21.763	ng/ul	99
50)	Acenaphthylene	14.278	152	410149	21.171	ng/ul	99
51)	3-Nitroaniline	14.460	138	73172	25.539	ng/ul	96
52)	Acenaphthene	14.619	153	279543	21.028	ng/ul	98
53)	2,4-Dinitrophenol	14.666	184	37384	21.151	ng/ul	89
55)	4-Nitrophenol	14.772	109	45560	21.174	ng/ul	86
56)	Dibenzofuran	14.954	168	401955	21.271	ng/ul	99
57)	2,4-Dinitrotoluene	14.919	165	107719	22.425	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.177	232	89454	21.113	ng/ul	99
59)	Diethylphthalate	15.365	149	357189	20.720	ng/ul	99
61)	Fluorene	15.600	166	329457	21.248	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.594	204	174872	21.315	ng/ul	96
63)	4-Nitroaniline	15.624	138	76608	29.848	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.682	198	62233	21.820	ng/ul	100
67)	N-Nitrosodiphenylamine	15.806	169	287610	21.041	ng/ul	98
68)	4-Bromophenyl-phenylether	16.487	248	123320	21.873	ng/ul	97
69)	Hexachlorobenzene	16.605	284	138411	21.927	ng/ul	99
70)	Atrazine	16.752	200	92593	16.565	ng/ul	93
71)	Pentachlorophenol	16.946	266	74936	19.774	ng/ul	97
72)	Phenanthrene	17.339	178	546325	20.911	ng/ul	99
74)	Anthracene	17.433	178	542681	20.526	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.356	216	143300	21.037	ng/uL	96
76)	Pentachlorobenzene	14.872	250	350310	48.152	ng/uL	98
77)	Carbazole	17.703	167	515787	21.571	ng/ul	98
78)	Di-n-butylphthalate	18.256	149	661370	21.713	ng/ul	100
80)	Fluoranthene	19.354	202	678357	20.574	ng/ul	98
82)	Pyrene	19.719	202	677530	20.414	ng/ul	99
83)	Butylbenzylphthalate	20.600	149	288154	21.411	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.452	252	252240	23.062	ng/ul	97
85)	Benzo(a)anthracene	21.534	228	682986	21.054	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.434	149	417241	21.634	ng/ul	97
87)	Chrysene	21.599	228	653052	21.475	ng/ul	99
89)	Di-n-octyl phthalate	22.621	149	738561	20.974	ng/ul	100
90)	Benzo(b)fluoranthene	23.702	252	737754	20.790	ng/ul	98
91)	Benzo(k)fluoranthene	23.767	252	713642	20.517	ng/ul	98
93)	Benzo(a)pyrene	24.554	252	651240	20.734	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	28.291	276	874601	20.970	ng/ul	99
95)	Dibenzo(a,h)anthracene	28.356	278	725834	21.104	ng/ul	99
96)	Benzo(g,h,i)perylene	29.425	276	712649	20.919	ng/ul	99

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

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