Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
Data File : BG058147.D
Acq On : 10 Jul 2023 18:28
Operator : CG/JU
Sample : 03385-08MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX7Y2MSD

Quant Time: Jul 11 00:46:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	71339	20.000	ng/ul	0.00
20) Naphthalene-d8	10.778	136	332016	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.603	164	236798	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.347	188	556835	20.000	ng/ul	0.00
79) Chrysene-d12	21.607	240	472109	20.000	ng/ul	0.00
88) Perylene-d12	24.797	264	573965	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	3404	1.671	ng/uL	0.00
4) Pyridine-d5	3.810	84	58140	9.400	ng/ul	0.00
7) Phenol-d5	7.136	99	87568	12.019	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.300	67	53205	12.118	ng/ul	0.00
11) 2-Chlorophenol-d4	7.506	132	64398	12.816	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	69969	12.728	ng/ul	0.00
21) Nitrobenzene-d5	9.139	128	33828	12.501	ng/ul	0.00
24) 2-Nitrophenol-d4	9.856	143	36671	12.894	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.396	165	74790	13.708	ng/ul	0.00
31) 4-Chloroaniline-d4	10.914	131	89360	10.803	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	228199	12.214	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	262255	12.863	ng/ul	0.00
54) 4-Nitrophenol-d4	14.797	143	13379	4.053	ng/ul	0.00
60) Fluorene-d10	15.590	176	203921	12.852	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.714	200	7716	2.552	ng/ul	0.00
73) Anthracene-d10	17.441	188	325107	12.582	ng/ul	0.00
81) Pyrene-d10	19.727	212	372028	12.512	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.574	264	393236	13.448	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	16049	6.377	ng/uL#	95
5) Pyridine	3.834	79	108108	17.059	ng/ul	96
6) Benzaldehyde	7.112	77	79288	32.588	ng/ul	97
8) Phenol	7.165	94	169929	22.985	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.388	93	116356	20.383	ng/ul	99
12) 2-Chlorophenol	7.541	128	116681	22.315	ng/ul	98
13) 2-Methylphenol	8.416	108	125927	21.688	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.499	45	182740	20.796	ng/ul	98
16) Acetophenone	8.798	105	194259	21.299	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.775	70	101067	20.728	ng/ul	98
18) 4-Methylphenol	8.745	108	143079	22.789	ng/ul	96
19) Hexachloroethane	9.057	117	41112	20.510	ng/ul	99
22) Nitrobenzene	9.180	77	149828	21.328	ng/ul	97
23) Isophorone	9.697	82	300964	20.078	ng/ul	98
25) 2-Nitrophenol	9.891	139	69578	22.799	ng/ul	96
26) 2,4-Dimethylphenol	9.944	107	111889	16.305	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.179	93	170535	20.189	ng/ul	99
29) 2,4-Dichlorophenol	10.426	162	121709	22.944	ng/ul	94
30) Naphthalene	10.831	128	387908	20.790	ng/ul	98
32) 4-Chloroaniline	10.937	127	135107	15.974	ng/ul	98
33) Hexachlorobutadiene	11.107	225	77169	20.548	ng/ul	94
34) Caprolactam	11.701	113	43538	20.415	ng/ul	92
35) 4-Chloro-3-methylphenol	12.059	107	148150	22.736	ng/ul	99
36) 2-Methylnaphthalene	12.435	142	270060	21.471	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.653	142	267851	21.236	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.800	216	161002	22.311	ng/ul	97
40) Hexachlorocyclopentadiene	12.776	237	37005	8.141	ng/ul	97
41) 2,4,6-Trichlorophenol	13.040	196	109472	22.383	ng/ul	96
42) 2,4,5-Trichlorophenol	13.111	196	118877	22.474	ng/ul	95
43) 1,1'-Biphenyl	13.434	154	362365	21.235	ng/ul	99
44) 2-Chloronaphthalene	13.481	162	293718	21.446	ng/ul	99
45) 2-Nitroaniline	13.687	65	108868	22.863	ng/ul	96
47) Dimethylphthalate	14.051	163	386934	20.613	ng/ul	100
48) 2,6-Dinitrotoluene	14.174	165	84405	21.906	ng/ul	95
50) Acenaphthylene	14.327	152	462813	21.021	ng/ul	97
51) 3-Nitroaniline	14.509	138	83941	25.780	ng/ul	96
52) Acenaphthene	14.668	153	322713	21.361	ng/ul	99
53) 2,4-Dinitrophenol	14.715	184	39557	19.693	ng/ul	96
55) 4-Nitrophenol	14.815	109	49821	20.374	ng/ul	87
56) Dibenzofuran	15.003	168	456420	21.253	ng/ul	99
57) 2,4-Dinitrotoluene	14.962	165	119697	21.926	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.226	232	102674	21.323	ng/ul	100
59) Diethylphthalate	15.408	149	390191	19.916	ng/ul	100
61) Fluorene	15.649	166	368358	20.904	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.637	204	200305	21.483	ng/ul	98
63) 4-Nitroaniline	15.667	138	85173	29.200	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.726	198	61076	19.752	ng/ul	99
67) N-Nitrosodiphenylamine	15.849	169	316855	21.381	ng/ul	99
68) 4-Bromophenyl-phenylether	16.530	248	134780	22.051	ng/ul	99
69) Hexachlorobenzene	16.654	284	148925	21.762	ng/ul	98
70) Atrazine	16.795	200	88542	14.611	ng/ul	95
71) Pentachlorophenol	16.995	266	78211	19.037	ng/ul	95
72) Phenanthrene	17.388	178	595488	21.024	ng/ul	99
74) Anthracene	17.476	178	594848	20.753	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.405	216	166615	22.562	ng/uL	97
76) Pentachlorobenzene	14.921	250	397904	50.450	ng/uL	97
77) Carbazole	17.747	167	549838	21.211	ng/ul	99
78) Di-n-butylphthalate	18.299	149	683844	20.709	ng/ul	100
80) Fluoranthene	19.398	202	707422	20.533	ng/ul	99
82) Pyrene	19.756	202	711538	20.516	ng/ul	98
83) Butylbenzylphthalate	20.637	149	298294	21.211	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.501	252	265033	23.189	ng/ul	97
85) Benzo(a)anthracene	21.583	228	708366	20.897	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.478	149	427397	21.207	ng/ul	96
87) Chrysene	21.648	228	683158	21.498	ng/ul	98
89) Di-n-octyl phthalate	22.676	149	766759	21.742	ng/ul	100
90) Benzo(b)fluoranthene	23.781	252	724216	20.378	ng/ul	99
91) Benzo(k)fluoranthene	23.845	252	763915	21.930	ng/ul	99
93) Benzo(a)pyrene	24.650	252	674606	21.447	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.446	276	874290	20.931	ng/ul	97
95) Dibenzo(a,h)anthracene	28.511	278	744228	21.607	ng/ul	98
96) Benzo(g,h,i)perylene	29.586	276	663625	19.451	ng/ul	98

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

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