Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058160.D
Acq On : 11 Jul 2023 15:36
Operator : CG/JU
Sample : 03386-06MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX804MSD

Quant Time: Jul 11 22:55:35 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	40735	20.000	ng/ul	0.00
20) Naphthalene-d8	10.778	136	186984	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.603	164	132732	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.347	188	307773	20.000	ng/ul	0.00
79) Chrysene-d12	21.607	240	260657	20.000	ng/ul	0.00
88) Perylene-d12	24.803	264	319498	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	5874	5.049	ng/uL	0.00
4) Pyridine-d5	3.816	84	87906	24.891	ng/ul	0.00
7) Phenol-d5	7.136	99	130209	31.300	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.300	67	76121	30.364	ng/ul	0.00
11) 2-Chlorophenol-d4	7.506	132	90109	31.406	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	92956	29.613	ng/ul	0.00
21) Nitrobenzene-d5	9.133	128	48258	31.665	ng/ul	0.00
24) 2-Nitrophenol-d4	9.856	143	53588	33.457	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.402	165	102684	33.419	ng/ul	0.00
31) 4-Chloroaniline-d4	10.914	131	129814	27.866	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	319000	30.460	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	367175	32.129	ng/ul	0.00
54) 4-Nitrophenol-d4	14.803	143	46536	25.151	ng/ul	0.00
60) Fluorene-d10	15.596	176	285373	32.086	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.714	200	44335	26.529	ng/ul	0.00
73) Anthracene-d10	17.447	188	443564	31.059	ng/ul	0.00
81) Pyrene-d10	19.733	212	520210	31.689	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.580	264	544511	33.451	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	14982	10.425	ng/uL#	92
5) Pyridine	3.834	79	98873	27.324	ng/ul	99
6) Benzaldehyde	7.112	77	69315	49.892	ng/ul	98
8) Phenol	7.165	94	137743	32.629	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.388	93	100726	30.902	ng/ul	96
12) 2-Chlorophenol	7.541	128	95248	31.901	ng/ul	98
13) 2-Methylphenol	8.416	108	101679	30.668	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.499	45	157539	31.398	ng/ul	98
16) Acetophenone	8.793	105	168492	32.353	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.775	70	84898	30.494	ng/ul#	96
18) 4-Methylphenol	8.746	108	115307	32.164	ng/ul	98
19) Hexachloroethane	9.057	117	35889	31.355	ng/ul	95
22) Nitrobenzene	9.180	77	127644	32.264	ng/ul	95
23) Isophorone	9.697	82	260361	30.841	ng/ul	98
25) 2-Nitrophenol	9.891	139	59450	34.590	ng/ul	97
26) 2,4-Dimethylphenol	9.944	107	74802	19.355	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.179	93	146198	30.733	ng/ul	99
29) 2,4-Dichlorophenol	10.426	162	101131	33.852	ng/ul	92
30) Naphthalene	10.831	128	338701	32.232	ng/ul	100
32) 4-Chloroaniline	10.937	127	114331	24.002	ng/ul	99
33) Hexachlorobutadiene	11.107	225	67065	31.709	ng/ul	96
34) Caprolactam	11.695	113	37818	31.486	ng/ul	93
35) 4-Chloro-3-methylphenol	12.059	107	123461	33.643	ng/ul	99
36) 2-Methylnaphthalene	12.435	142	233220	32.924	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.653	142	231788	32.631	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.800	216	134545	33.263	ng/ul	97
40) Hexachlorocyclopentadiene	12.776	237	41985	16.479	ng/ul	92
41) 2,4,6-Trichlorophenol	13.040	196	91688	33.444	ng/ul	97
42) 2,4,5-Trichlorophenol	13.117	196	100841	34.012	ng/ul	98
43) 1,1'-Biphenyl	13.440	154	311575	32.574	ng/ul	99
44) 2-Chloronaphthalene	13.481	162	249113	32.450	ng/ul	100
45) 2-Nitroaniline	13.687	65	89464	33.519	ng/ul	92
47) Dimethylphthalate	14.051	163	325919	30.976	ng/ul	100
48) 2,6-Dinitrotoluene	14.180	165	71461	33.088	ng/ul	99
50) Acenaphthylene	14.327	152	398652	32.303	ng/ul	98
51) 3-Nitroaniline	14.509	138	69577	38.122	ng/ul	97
52) Acenaphthene	14.668	153	280941	33.175	ng/ul	98
53) 2,4-Dinitrophenol	14.715	184	33688	29.920	ng/ul	93
55) 4-Nitrophenol	14.821	109	42023	30.658	ng/ul	87
56) Dibenzofuran	15.003	168	391927	32.558	ng/ul	99
57) 2,4-Dinitrotoluene	14.968	165	101018	33.013	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.226	232	84981	31.485	ng/ul	97
59) Diethylphthalate	15.414	149	334409	30.452	ng/ul	99
61) Fluorene	15.649	166	319691	32.367	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.637	204	170820	32.685	ng/ul	99
63) 4-Nitroaniline	15.673	138	69244	42.351	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.731	198	55050	32.211	ng/ul	97
67) N-Nitrosodiphenylamine	15.855	169	272085	33.218	ng/ul	99
68) 4-Bromophenyl-phenylether	16.531	248	117084	34.657	ng/ul	98
69) Hexachlorobenzene	16.654	284	127995	33.839	ng/ul	99
70) Atrazine	16.795	200	72293	21.583	ng/ul	94
71) Pentachlorophenol	16.995	266	67176	29.583	ng/ul	96
72) Phenanthrene	17.388	178	514732	32.879	ng/ul	100
74) Anthracene	17.482	178	502947	31.746	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.405	216	144799	35.474	ng/uL	99
76) Pentachlorobenzene	14.927	250	339227	77.816	ng/uL	98
77) Carbazole	17.753	167	472652	32.988	ng/ul	100
78) Di-n-butylphthalate	18.299	149	598224	32.776	ng/ul	99
80) Fluoranthene	19.398	202	608351	31.981	ng/ul	99
82) Pyrene	19.762	202	609093	31.810	ng/ul	99
83) Butylbenzylphthalate	20.637	149	261511	33.680	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.501	252	215665	34.177	ng/ul	97
85) Benzo(a)anthracene	21.583	228	606022	32.381	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.484	149	379278	34.087	ng/ul	98
87) Chrysene	21.654	228	571719	32.587	ng/ul	99
89) Di-n-octyl phthalate	22.682	149	668113	34.034	ng/ul	100
90) Benzo(b)fluoranthene	23.787	252	645159	32.613	ng/ul	99
91) Benzo(k)fluoranthene	23.851	252	635886	32.794	ng/ul	99
93) Benzo(a)pyrene	24.650	252	572220	32.680	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.452	276	771572	33.184	ng/ul	99
95) Dibenzo(a,h)anthracene	28.511	278	641350	33.451	ng/ul	99
96) Benzo(g,h,i)perylene	29.598	276	618792	32.583	ng/ul	98

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

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