Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061711.D
Acq On : 25 Jun 2024 20:41
Operator : MA/JU
Sample : P2873-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0SJ1

Quant Time: Jun 25 23:07:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	554	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.884	136	2694	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.697	164	2682	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.541	188	684691	20.000	ng/ul	0.10
79) Chrysene-d12	21.871	240	225	20.000	ng/ul	# 0.16
88) Perylene-d12	25.126	264	240	20.000	ng/ul	# 0.19
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	108	7.042	ng/uL	-0.15
4) Pyridine-d5	3.886	84	94603	2040.296	ng/ul	0.00
7) Phenol-d5	7.212	99	131911	2193.322	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.394	67	81067	2162.291	ng/ul	0.00
11) 2-Chlorophenol-d4	7.600	132	88443	2142.976	ng/ul	0.00
15) 4-Methylphenol-d8	8.769	113	111572	2399.729	ng/ul	0.00
21) Nitrobenzene-d5	9.233	128	50360	2753.100	ng/ul	0.00
24) 2-Nitrophenol-d4	9.962	143	59196	3195.218	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.496	165	118623	2704.081	ng/ul	0.00
31) 4-Chloroaniline-d4	11.013	131	161870	2437.191	ng/ul	0.00
46) Dimethylphthalate-d6	14.104	166	436988	2117.293	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	500953	2214.785	ng/ul	0.00
54) 4-Nitrophenol-d4	14.873	143	76264	2151.556	ng/ul	0.00
60) Fluorene-d10	15.690	176	421245	2331.394	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.855	200	343	0.117	ng/ul	0.06
73) Anthracene-d10	17.541	188	684691	21.908	ng/ul	0.00
81) Pyrene-d10	19.821	212	728283	57947.217	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.932	264	6325	551.791	ng/ul	0.21
Target Compounds						Qvalue
2) 1,4-Dioxane	3.499	88	192	10.074	ng/uL#	23
5) Pyridine	3.892	79	234	4.695	ng/ul#	1
6) Benzaldehyde	7.206	77	241	8.143	ng/ul#	33
8) Phenol	7.235	94	427	6.747	ng/ul#	15
10) Bis(2-Chloroethyl)ether	7.594	93	173	3.632	ng/ul#	1
14) 2,2'-oxybis(1-Chloropr...	8.763	45	1060	10.892	ng/ul#	26
16) Acetophenone	8.886	105	513	6.701	ng/ul#	62
17) N-Nitroso-di-n-propyla...	8.863	70	60	1.459	ng/ul#	38
22) Nitrobenzene	9.309	77	54	1.025	ng/ul#	46
23) Isophorone	9.962	82	5598	46.192	ng/ul#	69
26) 2,4-Dimethylphenol	10.073	107	200	3.691	ng/ul#	19
27) Bis(2-Chloroethoxy)met...	10.279	93	168	2.451	ng/ul#	47
30) Naphthalene	10.937	128	22090	146.545	ng/ul	97
32) 4-Chloroaniline	10.966	127	74	1.123	ng/ul#	46
34) Caprolactam	11.854	113	185	11.131	ng/ul#	35
36) 2-Methylnaphthalene	12.535	142	3159	29.700	ng/ul	92
37) 1-Methylnaphthalene	12.758	142	2468	21.747	ng/ul#	65
43) 1,1'-Biphenyl	13.528	154	311	1.601	ng/ul#	44
45) 2-Nitroaniline	13.787	65	85	1.664	ng/ul#	14
50) Acenaphthylene	14.427	152	1223	4.844	ng/ul#	63
52) Acenaphthene	14.762	153	2294	13.120	ng/ul	92
55) 4-Nitrophenol	14.891	109	187	5.109	ng/ul#	1
56) Dibenzofuran	15.103	168	279	1.140	ng/ul#	41
59) Diethylphthalate	15.514	149	1510	7.154	ng/ul#	84

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61) Fluorene	15.743	166	3372	16.652	ng/ul#	88
63) 4-Nitroaniline	15.778	138	95	2.575	ng/ul#	1
80) Fluoranthene	19.639	202	1527	104.714	ng/ul#	83
82) Pyrene	20.015	202	163	10.512	ng/ul#	15
83) Butylbenzylphthalate	20.896	149	325	57.567	ng/ul#	54
84) 3,3'-Dichlorobenzidine	21.760	252	160	33.631	ng/ul#	7
85) Benzo(a)anthracene	21.848	228	73	4.622	ng/ul#	52
86) Bis(2-ethylhexyl)phtha...	21.789	149	663	79.893	ng/ul#	54
87) Chrysene	21.906	228	257	17.197	ng/ul#	49
89) Di-n-octyl phthalate	23.017	149	117	9.243	ng/ul	100
90) Benzo(b)fluoranthene	24.139	252	299	20.725	ng/ul#	1
91) Benzo(k)fluoranthene	24.163	252	54	3.639	ng/ul#	1
93) Benzo(a)pyrene	24.962	252	273	19.655	ng/ul#	1
94) Indeno(1,2,3-cd)pyrene	28.822	276	121	6.991	ng/ul#	56
96) Benzo(g,h,i)perylene	29.915	276	136	9.748	ng/ul#	57

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

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