Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062923.D
Acq On : 19 Sep 2024 00:22
Operator : JU/RC
Sample : PB163394BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS394

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 19 01:27:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	53079	20.000	ng/ul	0.00
20) Naphthalene-d8	10.644	136	213117	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.493	164	163726	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.242	188	391535m	20.000	ng/ul	0.00
79) Chrysene-d12	21.496	240	392151	20.000	ng/ul	# 0.01
88) Perylene-d12	24.540	264	455960	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	8645m	4.770	ng/uL	0.00
4) Pyridine-d5	3.735	84	104544	21.250	ng/ul	0.00
7) Phenol-d5	7.025	99	148156	26.899	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.189	67	80175	26.012	ng/ul	0.00
11) 2-Chlorophenol-d4	7.395	132	92849	25.677	ng/ul	0.00
15) 4-Methylphenol-d8	8.564	113	104444	25.886	ng/ul	0.00
21) Nitrobenzene-d5	9.011	128	47480	27.965	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	53477	27.763	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.268	165	115460	28.891	ng/ul	0.00
31) 4-Chloroaniline-d4	10.779	131	117864	23.699	ng/ul	0.00
46) Dimethylphthalate-d6	13.899	166	352307	28.936	ng/ul	0.00
49) Acenaphthylene-d8	14.181	160	381047	28.022	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	52136	26.722	ng/ul	0.00
60) Fluorene-d10	15.486	176	325873	28.745	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.609	200	75164m	31.757	ng/ul	0.00
73) Anthracene-d10	17.336	188	500169	27.030	ng/ul	0.00
81) Pyrene-d10	19.634	212	650907	27.405	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.334	264	661924	27.527	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	15865	8.847	ng/uL#	80
5) Pyridine	3.758	79	110460	22.547	ng/ul	94
6) Benzaldehyde	6.996	77	70540	23.401	ng/ul	91
8) Phenol	7.054	94	150538	26.200	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.278	93	105451	27.145	ng/ul	87
12) 2-Chlorophenol	7.424	128	96830	26.087	ng/ul	92
13) 2-Methylphenol	8.300	108	103295	25.991	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.382	45	117537	24.386	ng/ul	96
16) Acetophenone	8.676	105	167347	26.368	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.664	70	90841	24.512	ng/ul#	95
18) 4-Methylphenol	8.629	108	108553	24.958	ng/ul	85
19) Hexachloroethane	8.934	117	40031	25.386	ng/ul#	83
22) Nitrobenzene	9.052	77	146165	28.997	ng/ul#	94
23) Isophorone	9.575	82	277254	27.620	ng/ul	98
25) 2-Nitrophenol	9.757	139	62083	29.352	ng/ul#	89
26) 2,4-Dimethylphenol	9.828	107	99953	21.092	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.057	93	144259	27.033	ng/ul	94
29) 2,4-Dichlorophenol	10.298	162	109751	27.742	ng/ul	97
30) Naphthalene	10.697	128	323605	27.347	ng/ul	95
32) 4-Chloroaniline	10.809	127	108373	22.381	ng/ul	98
33) Hexachlorobutadiene	10.985	225	94674	29.941	ng/ul	98
34) Caprolactam	11.561	113	35771m	27.160	ng/ul	
35) 4-Chloro-3-methylphenol	11.937	107	127730	28.092	ng/ul	88
36) 2-Methylnaphthalene	12.307	142	227146	26.638	ng/ul	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1-Methylnaphthalene	12.530	142	226343	26.228 ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.677	216	162879	28.070 ng/ul	96
40) Hexachlorocyclopentadiene	12.660	237	78251	25.420 ng/ul#	96
41) 2,4,6-Trichlorophenol	12.918	196	87849	24.296 ng/ul#	91
42) 2,4,5-Trichlorophenol	12.994	196	102489	26.981 ng/ul	96
43) 1,1'-Biphenyl	13.323	154	335099	27.553 ng/ul#	96
44) 2-Chloronaphthalene	13.365	162	271954	27.823 ng/ul	97
45) 2-Nitroaniline	13.564	65	101979	30.859 ng/ul	96
47) Dimethylphthalate	13.946	163	348280	27.959 ng/ul	98
48) 2,6-Dinitrotoluene	14.064	165	71871	30.237 ng/ul#	86
50) Acenaphthylene	14.211	152	407366	28.454 ng/ul	98
51) 3-Nitroaniline	14.399	138	65501	30.728 ng/ul#	97
52) Acenaphthene	14.557	153	268212	25.793 ng/ul	98
53) 2,4-Dinitrophenol	14.604	184	43164	30.404 ng/ul	92
55) 4-Nitrophenol	14.716	109	70746	32.110 ng/ul	91
56) Dibenzofuran	14.892	168	425357	27.583 ng/ul	97
57) 2,4-Dinitrotoluene	14.857	165	106188	29.642 ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.121	232	78910	23.085 ng/ul	96
59) Diethylphthalate	15.315	149	351370	25.351 ng/ul	97
61) Fluorene	15.544	166	321728	27.267 ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.533	204	185628	28.511 ng/ul	98
63) 4-Nitroaniline	15.562	138	66873	31.260 ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.627	198	76785m	30.327 ng/ul	
67) N-Nitrosodiphenylamine	15.750	169	303372	27.591 ng/ul	97
68) 4-Bromophenyl-phenylether	16.432	248	132338	30.403 ng/ul	95
69) Hexachlorobenzene	16.549	284	152713	30.386 ng/ul	95
70) Atrazine	16.696	200	1948	0.427 ng/ul#	81
71) Pentachlorophenol	16.896	266	59024m	20.596 ng/ul	
72) Phenanthrene	17.284	178	577107m	27.746 ng/ul	
74) Anthracene	17.372	178	571309	26.600 ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.288	216	168469	28.216 ng/ul	95
76) Pentachlorobenzene	14.816	250	175331	27.823 ng/ul	97
77) Carbazole	17.642	167	483953	28.302 ng/ul	99
78) Di-n-butylphthalate	18.206	149	587611	26.719 ng/ul	98
80) Fluoranthene	19.299	202	720651	27.803 ng/ul#	95
82) Pyrene	19.663	202	741912	26.848 ng/ul#	95
83) Butylbenzylphthalate	20.562	149	259728	27.044 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.396	252	244858	27.840 ng/ul	98
85) Benzo(a)anthracene	21.473	228	787154	28.334 ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.390	149	359888	25.937 ng/ul#	96
87) Chrysene	21.537	228	715996	27.546 ng/ul	99
89) Di-n-octyl phthalate	22.542	149	635865	26.332 ng/ul	100
90) Benzo(b)fluoranthene	23.576	252	796943	28.709 ng/ul	99
91) Benzo(k)fluoranthene	23.641	252	802920m	29.032 ng/ul	
93) Benzo(a)pyrene	24.393	252	695063	26.636 ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	27.965	276	900676	28.167 ng/ul#	92
95) Dibenzo(a,h)anthracene	28.024	278	746975m	29.222 ng/ul	
96) Benzo(g,h,i)perylene	29.040	276	714616	29.106 ng/ul	99

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

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