Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063065.D
Acq On : 26 Sep 2024 15:23
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Sep 26 16:07:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 13:16:45 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020510

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	101013	20.000	ng/ul	0.00
20) Naphthalene-d8	10.637	136	430059	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.486	164	367997	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.235	188	1040960	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.489	240	1214322	20.000	ng/ul	# 0.00
88) Perylene-d12	24.533	264	1397377	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	13945m	7.958	ng/uL	0.00
4) Pyridine-d5	3.716	84	83271	19.435	ng/ul	0.00
7) Phenol-d5	7.018	99	133534	21.403	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.176	67	53447	21.928	ng/ul	0.00
11) 2-Chlorophenol-d4	7.382	132	128008	20.881	ng/ul	0.00
15) 4-Methylphenol-d8	8.551	113	114146	20.266	ng/ul	0.00
21) Nitrobenzene-d5	8.998	128	59901	18.942	ng/ul	0.00
24) 2-Nitrophenol-d4	9.721	143	77653	19.227	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.261	165	161873	19.203	ng/ul	0.00
31) 4-Chloroaniline-d4	10.772	131	181917	18.392	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	551981	18.865	ng/ul	0.00
49) Acenaphthylene-d8	14.174	160	610115	19.677	ng/ul	0.00
54) 4-Nitrophenol-d4	14.691	143	91178	20.662	ng/ul	0.00
60) Fluorene-d10	15.479	176	510133	19.028	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.602	200	139490	19.175	ng/ul	0.00
73) Anthracene-d10	17.335	188	962663	19.276	ng/ul	0.00
81) Pyrene-d10	19.632	212	1321400	19.325	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.327	264	1425801	19.051	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	12067	5.834	ng/uL#	79
5) Pyridine	3.739	79	82103	19.467	ng/ul	94
6) Benzaldehyde	6.983	77	73478	25.358	ng/ul	94
8) Phenol	7.041	94	134173	21.372	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.265	93	85060	21.774	ng/ul	94
12) 2-Chlorophenol	7.412	128	124871	20.982	ng/ul#	88
13) 2-Methylphenol	8.287	108	108206	19.607	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.363	45	71730	24.103	ng/ul	94
16) Acetophenone	8.663	105	179263	20.466	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.645	70	69994	19.542	ng/ul#	85
18) 4-Methylphenol	8.616	108	122854	20.322	ng/ul	96
19) Hexachloroethane	8.927	117	45987	19.525	ng/ul	93
22) Nitrobenzene	9.045	77	116882	19.578	ng/ul#	88
23) Isophorone	9.562	82	221935	19.251	ng/ul#	96
25) 2-Nitrophenol	9.756	139	81999	19.844	ng/ul	98
26) 2,4-Dimethylphenol	9.815	107	140239	18.858	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.044	93	119208	19.783	ng/ul	99
29) 2,4-Dichlorophenol	10.290	162	154803	19.189	ng/ul	95
30) Naphthalene	10.684	128	416821	19.068	ng/ul	98
32) 4-Chloroaniline	10.796	127	173531	19.079	ng/ul	98
33) Hexachlorobutadiene	10.972	225	150586	19.196	ng/ul	96
34) Caprolactam	11.542	113	44441m	19.696	ng/ul	
35) 4-Chloro-3-methylphenol	11.930	107	135145	19.064	ng/ul	94
36) 2-Methylnaphthalene	12.300	142	329826	18.601	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.523	142	340704	19.009	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.670	216	283908	19.860	ng/ul	99
40) Hexachlorocyclopentadiene	12.652	237	150678	18.548	ng/ul#	96
41) 2,4,6-Trichlorophenol	12.917	196	165835	20.166	ng/ul	98
42) 2,4,5-Trichlorophenol	12.987	196	174428	19.300	ng/ul	87
43) 1,1'-Biphenyl	13.316	154	473145	19.419	ng/ul#	98
44) 2-Chloronaphthalene	13.357	162	392052	19.983	ng/ul	98
45) 2-Nitroaniline	13.557	65	72568	20.551	ng/ul	95
47) Dimethylphthalate	13.939	163	528505	18.835	ng/ul	96
48) 2,6-Dinitrotoluene	14.063	165	112968	19.551	ng/ul	97
50) Acenaphthylene	14.204	152	613712	19.751	ng/ul	96
51) 3-Nitroaniline	14.392	138	103903	21.307	ng/ul#	94
52) Acenaphthene	14.550	153	433211	20.016	ng/ul	98
53) 2,4-Dinitrophenol	14.597	184	75334	18.443	ng/ul	94
55) 4-Nitrophenol	14.703	109	99266	18.583	ng/ul	94
56) Dibenzofuran	14.885	168	671847	19.401	ng/ul	100
57) 2,4-Dinitrotoluene	14.850	165	182140	19.786	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.114	232	183931	19.047	ng/ul#	95
59) Diethylphthalate	15.308	149	532431	19.179	ng/ul	98
61) Fluorene	15.537	166	545621	19.118	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.531	204	344519	19.212	ng/ul	95
63) 4-Nitroaniline	15.555	138	110433	20.883	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.620	198	145243	18.831	ng/ul	95
67) N-Nitrosodiphenylamine	15.743	169	502806	19.376	ng/ul	98
68) 4-Bromophenyl-phenylether	16.424	248	250093	19.577	ng/ul	99
69) Hexachlorobenzene	16.542	284	273828	19.238	ng/ul	98
70) Atrazine	16.695	200	253531	19.869	ng/ul	98
71) Pentachlorophenol	16.889	266	161822	18.270	ng/ul	91
72) Phenanthrene	17.276	178	1056967	19.697	ng/ul	98
74) Anthracene	17.370	178	1077461	19.526	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.281	216	294820	19.847	ng/ul	92
76) Pentachlorobenzene	14.809	250	310181	19.165	ng/ul	96
77) Carbazole	17.641	167	890447	20.164	ng/ul	99
78) Di-n-butylphthalate	18.205	149	959243	20.002	ng/ul	99
80) Fluoranthene	19.298	202	1482432	19.343	ng/ul#	99
82) Pyrene	19.662	202	1552677	19.341	ng/ul	99
83) Butylbenzylphthalate	20.561	149	445651	20.112	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.389	252	604019	21.045	ng/ul	99
85) Benzo(a)anthracene	21.471	228	1642957	19.480	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.389	149	634833	20.035	ng/ul	96
87) Chrysene	21.536	228	1553795	19.847	ng/ul	98
89) Di-n-octyl phthalate	22.535	149	1040684	19.641	ng/ul	100
90) Benzo(b)fluoranthene	23.569	252	1644305	18.922	ng/ul	97
91) Benzo(k)fluoranthene	23.634	252	1657127	19.196	ng/ul	99
93) Benzo(a)pyrene	24.386	252	1522308	19.139	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	27.952	276	1873441	19.132	ng/ul	96
95) Dibenzo(a,h)anthracene	28.011	278	1542360m	19.328	ng/ul	
96) Benzo(g,h,i)perylene	29.027	276	1434632	19.344	ng/ul#	99

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

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