Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
Data File : BG063075.D
Acq On : 27 Sep 2024 15:50
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 27 23:46:37 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 :
SSTD020512

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/30/2024
Supervised By :mohammad ahmed 10/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.850	152	87735	20.000	ng/ul	0.00
20) Naphthalene-d8	10.635	136	391225	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.483	164	358003	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1006724	20.000	ng/ul	0.00
79) Chrysene-d12	21.487	240	1108188	20.000	ng/ul	# 0.00
88) Perylene-d12	24.524	264	1222354	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	12016	7.895	ng/uL	0.00
4) Pyridine-d5	3.719	84	86465	23.235	ng/ul	0.00
7) Phenol-d5	7.021	99	117789	21.736	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.180	67	49906	23.574	ng/ul	0.00
11) 2-Chlorophenol-d4	7.386	132	119273	22.401	ng/ul	0.00
15) 4-Methylphenol-d8	8.555	113	111363	22.765	ng/ul	0.00
21) Nitrobenzene-d5	9.001	128	58143	20.211	ng/ul	0.00
24) 2-Nitrophenol-d4	9.718	143	74501	20.278	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.259	165	158877	20.719	ng/ul	0.00
31) 4-Chloroaniline-d4	10.776	131	186230	20.697	ng/ul	0.00
46) Dimethylphthalate-d6	13.890	166	540435	18.986	ng/ul	0.00
49) Acenaphthylene-d8	14.178	160	594287	19.702	ng/ul	0.00
54) 4-Nitrophenol-d4	14.689	143	82111	19.127	ng/ul	0.00
60) Fluorene-d10	15.476	176	505880	19.396	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.600	200	117011	16.632	ng/ul	0.00
73) Anthracene-d10	17.333	188	936479m	19.389	ng/ul	0.00
81) Pyrene-d10	19.630	212	1233861	19.773	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.319	264	1304614	19.928	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	14053	7.822	ng/uL#	74
5) Pyridine	3.737	79	86945	23.735	ng/ul#	87
6) Benzaldehyde	6.986	77	67479	26.812	ng/ul	93
8) Phenol	7.045	94	119646	21.942	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.274	93	76751	22.621	ng/ul	96
12) 2-Chlorophenol	7.415	128	111947	21.657	ng/ul	94
13) 2-Methylphenol	8.290	108	106815	22.284	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.367	45	62603	24.220	ng/ul	96
16) Acetophenone	8.667	105	164968	21.685	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.649	70	69059	22.199	ng/ul#	93
18) 4-Methylphenol	8.620	108	121649	23.168	ng/ul	98
19) Hexachloroethane	8.931	117	40661	19.877	ng/ul	95
22) Nitrobenzene	9.048	77	108053	19.895	ng/ul#	86
23) Isophorone	9.565	82	211024	20.121	ng/ul#	97
25) 2-Nitrophenol	9.753	139	76123	20.250	ng/ul	93
26) 2,4-Dimethylphenol	9.812	107	131218	19.396	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.053	93	113455	20.697	ng/ul	98
29) 2,4-Dichlorophenol	10.288	162	150223	20.470	ng/ul	97
30) Naphthalene	10.688	128	398645	20.047	ng/ul	99
32) 4-Chloroaniline	10.793	127	164900	19.930	ng/ul	94
33) Hexachlorobutadiene	10.976	225	134540	18.853	ng/ul	96
34) Caprolactam	11.545	113	44434m	21.648	ng/ul	
35) 4-Chloro-3-methylphenol	11.927	107	137275	21.286	ng/ul	94
36) 2-Methylnaphthalene	12.303	142	320854	19.891	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.521	142	325038	19.935	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.674	216	264123	18.992	ng/ul	99
40) Hexachlorocyclopentadiene	12.650	237	126904	16.057	ng/ul	97
41) 2,4,6-Trichlorophenol	12.914	196	163359	20.419	ng/ul	97
42) 2,4,5-Trichlorophenol	12.985	196	179461	20.411	ng/ul	96
43) 1,1'-Biphenyl	13.314	154	465604	19.643	ng/ul	98
44) 2-Chloronaphthalene	13.355	162	384961	20.169	ng/ul	98
45) 2-Nitroaniline	13.561	65	70880	20.634	ng/ul	92
47) Dimethylphthalate	13.937	163	518821	19.006	ng/ul	99
48) 2,6-Dinitrotoluene	14.060	165	113017	20.106	ng/ul	98
50) Acenaphthylene	14.207	152	605618	20.035	ng/ul	98
51) 3-Nitroaniline	14.389	138	103770	21.874	ng/ul	97
52) Acenaphthene	14.548	153	428916	20.371	ng/ul	98
53) 2,4-Dinitrophenol	14.601	184	65982	16.604	ng/ul	95
55) 4-Nitrophenol	14.707	109	92832	17.863	ng/ul	91
56) Dibenzofuran	14.883	168	661878	19.646	ng/ul	97
57) 2,4-Dinitrotoluene	14.848	165	171840	19.188	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.112	232	180553	19.219	ng/ul	97
59) Diethylphthalate	15.306	149	506960	18.772	ng/ul	99
61) Fluorene	15.535	166	551067	19.848	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.529	204	331352	18.993	ng/ul	98
63) 4-Nitroaniline	15.553	138	107443	20.885	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.617	198	120599	16.167	ng/ul#	90
67) N-Nitrosodiphenylamine	15.741	169	490692	19.552	ng/ul	100
68) 4-Bromophenyl-phenylether	16.422	248	244093	19.757	ng/ul	92
69) Hexachlorobenzene	16.546	284	264455	19.211	ng/ul	100
70) Atrazine	16.692	200	231577	18.765	ng/ul	98
71) Pentachlorophenol	16.886	266	124863	14.577	ng/ul	91
72) Phenanthrene	17.274	178	1023418	19.721	ng/ul	99
74) Anthracene	17.368	178	1067918	20.011	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.279	216	282582	19.670	ng/ul	93
76) Pentachlorobenzene	14.806	250	312494	19.965	ng/ul	94
77) Carbazole	17.638	167	869305	20.355	ng/ul	99
78) Di-n-butylphthalate	18.202	149	937238	20.208	ng/ul	99
80) Fluoranthene	19.295	202	1398154	19.990	ng/ul#	99
82) Pyrene	19.660	202	1455565	19.868	ng/ul#	98
83) Butylbenzylphthalate	20.558	149	421200	20.829	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.387	252	527552	20.141	ng/ul#	95
85) Benzo(a)anthracene	21.469	228	1514126	19.672	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.387	149	597068	20.648	ng/ul	94
87) Chrysene	21.534	228	1438675	20.136	ng/ul	98
89) Di-n-octyl phthalate	22.533	149	997136	21.514	ng/ul	100
90) Benzo(b)fluoranthene	23.567	252	1496112	19.681	ng/ul	98
91) Benzo(k)fluoranthene	23.631	252	1506429m	19.949	ng/ul	
93) Benzo(a)pyrene	24.383	252	1380879	19.847	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	27.956	276	1751089	20.443	ng/ul	94
95) Dibenzo(a,h)anthracene	28.003	278	1414388	20.262	ng/ul	99
96) Benzo(g,h,i)perylene	29.025	276	1333574	20.556	ng/ul	95

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

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