Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063056.D
Acq On : 26 Sep 2024 7:10
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 26 10:52:06 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 :
SSTD020509

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.848	152	87356	20.000	ng/ul	0.00
20) Naphthalene-d8	10.639	136	380573	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.487	164	336951	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.231	188	931194	20.000	ng/ul	0.00
79) Chrysene-d12	21.485	240	1078451	20.000	ng/ul	# 0.00
88) Perylene-d12	24.529	264	1194054	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	12949	8.545	ng/uL	0.00
4) Pyridine-d5	3.723	84	81188	21.912	ng/ul	0.00
7) Phenol-d5	7.020	99	113537	21.043	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.178	67	48193	22.863	ng/ul	0.00
11) 2-Chlorophenol-d4	7.384	132	114292	21.559	ng/ul	0.00
15) 4-Methylphenol-d8	8.559	113	106481	21.861	ng/ul	0.00
21) Nitrobenzene-d5	9.000	128	54738	19.560	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	73217	20.486	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	148537	19.913	ng/ul	0.00
31) 4-Chloroaniline-d4	10.774	131	175946	20.101	ng/ul	0.00
46) Dimethylphthalate-d6	13.888	166	539203	20.126	ng/ul	0.00
49) Acenaphthylene-d8	14.176	160	576146	20.294	ng/ul	0.00
54) 4-Nitrophenol-d4	14.693	143	77976	19.298	ng/ul	0.00
60) Fluorene-d10	15.480	176	481214	19.603	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	125882	19.344	ng/ul	0.00
73) Anthracene-d10	17.331	188	905180m	20.261	ng/ul	0.00
81) Pyrene-d10	19.628	212	1220243	20.094	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.317	264	1283075	20.063	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.353	88	13308	7.439	ng/uL#	94
5) Pyridine	3.741	79	80683	22.121	ng/ul	85
6) Benzaldehyde	6.990	77	64765	25.845	ng/ul	86
8) Phenol	7.043	94	116208	21.404	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.272	93	75541	22.361	ng/ul	97
12) 2-Chlorophenol	7.413	128	105367	20.472	ng/ul	96
13) 2-Methylphenol	8.289	108	103107	21.604	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.365	45	63025	24.489	ng/ul	97
16) Acetophenone	8.665	105	158211	20.887	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.647	70	67407	21.762	ng/ul#	92
18) 4-Methylphenol	8.618	108	115509	22.094	ng/ul	94
19) Hexachloroethane	8.929	117	43022	21.122	ng/ul	97
22) Nitrobenzene	9.041	77	106468	20.152	ng/ul	89
23) Isophorone	9.564	82	216661	21.237	ng/ul	93
25) 2-Nitrophenol	9.752	139	72005	19.691	ng/ul#	90
26) 2,4-Dimethylphenol	9.816	107	132266	20.099	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.051	93	109674	20.568	ng/ul#	92
29) 2,4-Dichlorophenol	10.292	162	143245	20.066	ng/ul	97
30) Naphthalene	10.692	128	389963	20.159	ng/ul	96
32) 4-Chloroaniline	10.798	127	154959	19.253	ng/ul	92
33) Hexachlorobutadiene	10.974	225	139244	20.059	ng/ul	94
34) Caprolactam	11.544	113	39744m	19.905	ng/ul	
35) 4-Chloro-3-methylphenol	11.926	107	125283	19.971	ng/ul	98
36) 2-Methylnaphthalene	12.302	142	310801	19.807	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.519	142	311766	19.656	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.672	216	266427	20.354	ng/ul	98
40) Hexachlorocyclopentadiene	12.648	237	136190	18.309	ng/ul#	90
41) 2,4,6-Trichlorophenol	12.913	196	154878	20.569	ng/ul	97
42) 2,4,5-Trichlorophenol	12.989	196	174193m	21.049	ng/ul	
43) 1,1'-Biphenyl	13.312	154	448694	20.112	ng/ul#	97
44) 2-Chloronaphthalene	13.359	162	367336	20.448	ng/ul	97
45) 2-Nitroaniline	13.559	65	63291	19.576	ng/ul	91
47) Dimethylphthalate	13.941	163	509575	19.834	ng/ul	100
48) 2,6-Dinitrotoluene	14.058	165	109074	20.617	ng/ul	100
50) Acenaphthylene	14.205	152	571528	20.088	ng/ul	99
51) 3-Nitroaniline	14.387	138	98543	22.070	ng/ul#	89
52) Acenaphthene	14.546	153	410866	20.733	ng/ul	96
53) 2,4-Dinitrophenol	14.599	184	70153	18.757	ng/ul	95
55) 4-Nitrophenol	14.705	109	92889	18.991	ng/ul	88
56) Dibenzofuran	14.881	168	644765	20.334	ng/ul	96
57) 2,4-Dinitrotoluene	14.852	165	172553	20.472	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.116	232	175649	19.865	ng/ul#	94
59) Diethylphthalate	15.304	149	505548	19.889	ng/ul	100
61) Fluorene	15.533	166	520523	19.919	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.527	204	325932	19.850	ng/ul	98
63) 4-Nitroaniline	15.551	138	104945	21.674	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.615	198	134737	19.528	ng/ul	100
67) N-Nitrosodiphenylamine	15.745	169	473292	20.388	ng/ul	99
68) 4-Bromophenyl-phenylether	16.426	248	230282	20.151	ng/ul	98
69) Hexachlorobenzene	16.544	284	251786	19.774	ng/ul	99
70) Atrazine	16.697	200	230415	20.186	ng/ul	95
71) Pentachlorophenol	16.890	266	148549	18.749	ng/ul	87
72) Phenanthrene	17.278	178	972285	20.255	ng/ul	99
74) Anthracene	17.366	178	1016898	20.601	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.283	216	273540	20.585	ng/ul	95
76) Pentachlorobenzene	14.805	250	288077	19.898	ng/ul	95
77) Carbazole	17.637	167	830609	21.026	ng/ul	96
78) Di-n-butylphthalate	18.201	149	902488	21.037	ng/ul	98
80) Fluoranthene	19.293	202	1360057	19.982	ng/ul#	98
82) Pyrene	19.658	202	1435079	20.128	ng/ul#	99
83) Butylbenzylphthalate	20.557	149	411972	20.934	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.391	252	539483	21.164	ng/ul	94
85) Benzo(a)anthracene	21.467	228	1478940	19.745	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.385	149	578565	20.560	ng/ul	94
87) Chrysene	21.532	228	1411212	20.296	ng/ul	99
89) Di-n-octyl phthalate	22.531	149	969503	21.413	ng/ul	100
90) Benzo(b)fluoranthene	23.565	252	1491733m	20.089	ng/ul	
91) Benzo(k)fluoranthene	23.630	252	1498621	20.316	ng/ul	100
93) Benzo(a)pyrene	24.382	252	1367562	20.121	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	27.942	276	1660481	19.845	ng/ul#	93
95) Dibenzo(a,h)anthracene	28.001	278	1352552	19.835	ng/ul#	98
96) Benzo(g,h,i)perylene	29.017	276	1271749	20.068	ng/ul	98

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

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