Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062087.D
Acq On : 16 Jul 2024 4:15
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jul 16 05:24:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020573

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.044	152	52763	20.000	ng/ul	0.00
20) Naphthalene-d8	10.858	136	264764	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.677	164	182509	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.427	188	409534	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.686	240	356304	20.000	ng/ul	# 0.00
88) Perylene-d12	24.906	264	396872	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.437	96	8268m	5.889	ng/uL	0.00
4) Pyridine-d5	3.860	84	67967	15.743	ng/ul	0.00
7) Phenol-d5	7.221	99	97061	16.809	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.368	67	54056	14.783	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	75793	19.136	ng/ul	0.00
15) 4-Methylphenol-d8	8.766	113	76438	16.813	ng/ul	0.02
21) Nitrobenzene-d5	9.213	128	35813	17.785	ng/ul	0.00
24) 2-Nitrophenol-d4	9.935	143	43742	19.022	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.488	165	86214	19.438	ng/ul	0.02
31) 4-Chloroaniline-d4	10.993	131	108695	16.880	ng/ul	0.00
46) Dimethylphthalate-d6	14.078	166	247101	16.468	ng/ul	0.00
49) Acenaphthylene-d8	14.371	160	288223	18.370	ng/ul	0.00
54) 4-Nitrophenol-d4	14.900	143	33123	13.823	ng/ul	0.03
60) Fluorene-d10	15.670	176	213966	16.939	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.787	200	37854	17.600	ng/ul	0.00
73) Anthracene-d10	17.521	188	337134	17.632	ng/ul	0.00
81) Pyrene-d10	19.806	212	370640	17.685	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.689	264	387183m	19.671	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.478	88	10011m	6.460	ng/uL	
5) Pyridine	3.878	79	68594	15.492	ng/ul	95
6) Benzaldehyde	7.180	77	56403m	18.456	ng/ul	
8) Phenol	7.245	94	98094	16.593	ng/ul#	74
10) Bis(2-Chloroethyl)ether	7.462	93	68429	15.068	ng/ul	93
12) 2-Chlorophenol	7.615	128	72978	18.085	ng/ul	96
13) 2-Methylphenol	8.496	108	73909	17.516	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.561	45	143505	14.463	ng/ul	100
16) Acetophenone	8.872	105	118731	15.810	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.849	70	62861	14.952	ng/ul#	96
18) 4-Methylphenol	8.831	108	78581	16.630	ng/ul	100
19) Hexachloroethane	9.125	117	31378	17.925	ng/ul#	68
22) Nitrobenzene	9.260	77	100385	17.563	ng/ul#	92
23) Isophorone	9.777	82	186681	14.457	ng/ul#	97
25) 2-Nitrophenol	9.971	139	43875	18.709	ng/ul#	88
26) 2,4-Dimethylphenol	10.030	107	100218	17.857	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.259	93	100528	14.137	ng/ul	99
29) 2,4-Dichlorophenol	10.511	162	80083	19.221	ng/ul	96
30) Naphthalene	10.911	128	260141	17.887	ng/ul	99
32) 4-Chloroaniline	11.022	127	107479	17.010	ng/ul	99
33) Hexachlorobutadiene	11.175	225	68081	21.715	ng/ul	89
34) Caprolactam	11.792	113	23649m	14.488	ng/ul	
35) 4-Chloro-3-methylphenol	12.151	107	100417	18.097	ng/ul	94
36) 2-Methylnaphthalene	12.509	142	178101	16.903	ng/ul	99

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37) 1-Methylnaphthalene	12.726	142	193487	17.671	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.873	216	112583	20.541	ng/ul	94
40) Hexachlorocyclopentadiene	12.844	237	27089	7.425	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.120	196	68782	18.894	ng/ul	92
42) 2,4,5-Trichlorophenol	13.196	196	70697	17.679	ng/ul#	74
43) 1,1'-Biphenyl	13.514	154	251451	17.881	ng/ul	96
44) 2-Chloronaphthalene	13.561	162	192061	18.198	ng/ul#	90
45) 2-Nitroaniline	13.766	65	81062	19.180	ng/ul	95
47) Dimethylphthalate	14.125	163	242939	16.833	ng/ul	98
48) 2,6-Dinitrotoluene	14.254	165	52346	19.119	ng/ul	99
50) Acenaphthylene	14.401	152	302932	17.592	ng/ul	99
51) 3-Nitroaniline	14.589	138	46481	17.441	ng/ul	98
52) Acenaphthene	14.742	153	212116	17.839	ng/ul	94
53) 2,4-Dinitrophenol	14.795	184	27352	19.122	ng/ul	87
55) 4-Nitrophenol	14.918	109	49343	18.042	ng/ul	80
56) Dibenzofuran	15.077	168	293654	17.474	ng/ul	96
57) 2,4-Dinitrotoluene	15.041	165	76501	19.053	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.306	232	63455	17.573	ng/ul	95
59) Diethylphthalate	15.482	149	251869	16.195	ng/ul	98
61) Fluorene	15.723	166	248245	17.370	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.711	204	125411	17.470	ng/ul	90
63) 4-Nitroaniline	15.752	138	43432	16.061	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.805	198	38441	16.607	ng/ul	94
67) N-Nitrosodiphenylamine	15.928	169	195299	17.462	ng/ul	98
68) 4-Bromophenyl-phenylether	16.604	248	88129	18.969	ng/ul	91
69) Hexachlorobenzene	16.722	284	107590	20.139	ng/ul	98
70) Atrazine	16.874	200	83127	18.828	ng/ul	96
71) Pentachlorophenol	17.074	266	61198	20.840	ng/ul	95
72) Phenanthrene	17.468	178	370190	17.143	ng/ul	98
74) Anthracene	17.556	178	391998	17.566	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.478	216	107574	21.149	ng/ul#	93
76) Pentachlorobenzene	14.994	250	121586	20.958	ng/ul	98
77) Carbazole	17.832	167	328434	17.488	ng/ul	99
78) Di-n-butylphthalate	18.373	149	405675	16.824	ng/ul	99
80) Fluoranthene	19.471	202	439819	17.733	ng/ul#	92
82) Pyrene	19.836	202	447614	17.471	ng/ul#	91
83) Butylbenzylphthalate	20.705	149	179284	16.674	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.581	252	171264	20.204	ng/ul	99
85) Benzo(a)anthracene	21.669	228	460844	17.864	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.551	149	254464	16.493	ng/ul	97
87) Chrysene	21.733	228	432931	17.926	ng/ul	97
89) Di-n-octyl phthalate	22.762	149	448974	18.517	ng/ul	100
90) Benzo(b)fluoranthene	23.878	252	473392	18.932	ng/ul	97
91) Benzo(k)fluoranthene	23.948	252	480747m	19.281	ng/ul	
93) Benzo(a)pyrene	24.753	252	435601	18.397	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.567	276	503052m	16.626	ng/ul	
95) Dibenzo(a,h)anthracene	28.643	278	432638m	17.312	ng/ul	
96) Benzo(g,h,i)perylene	29.736	276	371134m	15.418	ng/ul	

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

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