Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061320.D
Acq On : 29 May 2024 9:09
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 29 11:01:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020500

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	23593	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.674	136	103393	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.516	164	91898	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.266	188	213538	20.000	ng/ul	0.00
79) Chrysene-d12	21.514	240	224644	20.000	ng/ul	0.00
88) Perylene-d12	24.598	264	251590	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	3539	8.395	ng/uL	0.00
4) Pyridine-d5	3.740	84	27133	18.091	ng/ul	0.00
7) Phenol-d5	7.060	99	35698	18.425	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	23002	18.888	ng/ul	0.00
11) 2-Chlorophenol-d4	7.419	132	27125	18.917	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113	31869	19.290	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	15688	19.707	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	18244	19.582	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	36133	19.894	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.809	131	44662	18.796	ng/ul	-0.01
46) Dimethylphthalate-d6	13.923	166	130453	18.303	ng/ul	0.00
49) Acenaphthylene-d8	14.211	160	142602	19.245	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	15450	17.533	ng/ul	0.00
60) Fluorene-d10	15.509	176	114713	18.642	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	22661	17.546	ng/ul	0.00
73) Anthracene-d10	17.360	188	189410	20.120	ng/ul	0.00
81) Pyrene-d10	19.651	212	221024	19.162	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.387	264	236244	19.532	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	4139	8.180	ng/uL#	87
5) Pyridine	3.758	79	28884	19.471	ng/ul	91
6) Benzaldehyde	7.019	77	20849	20.580	ng/ul	96
8) Phenol	7.090	94	36644	18.563	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.307	93	28077	19.444	ng/ul	86
12) 2-Chlorophenol	7.448	128	28875	19.055	ng/ul	97
13) 2-Methylphenol	8.329	108	28766	18.803	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.406	45	71072	18.225	ng/ul#	95
16) Acetophenone	8.699	105	53494	18.973	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.682	70	27633	17.825	ng/ul	92
18) 4-Methylphenol	8.658	108	32569	19.214	ng/ul	96
19) Hexachloroethane	8.958	117	13132	19.477	ng/ul	92
22) Nitrobenzene	9.081	77	41235	18.886	ng/ul	96
23) Isophorone	9.604	82	79233	17.840	ng/ul	100
25) 2-Nitrophenol	9.792	139	18990	18.779	ng/ul	93
26) 2,4-Dimethylphenol	9.857	107	38870	19.399	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.080	93	42893	19.266	ng/ul	95
29) 2,4-Dichlorophenol	10.333	162	34613	20.691	ng/ul	94
30) Naphthalene	10.726	128	110457	20.240	ng/ul	100
32) 4-Chloroaniline	10.832	127	45383	19.219	ng/ul	95
33) Hexachlorobutadiene	11.008	225	33178	20.290	ng/ul	93
34) Caprolactam	11.584	113	11994m	18.740	ng/ul	
35) 4-Chloro-3-methylphenol	11.972	107	42559	19.680	ng/ul	92
36) 2-Methylnaphthalene	12.336	142	78351	19.798	ng/ul	97

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Quant Title : SVOA CALIBRATION
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Instrument :
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Manual Integrations APPROVED

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Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.554	142	79894	19.671	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.706	216	62619	20.639	ng/ul	97
40) Hexachlorocyclopentadiene	12.683	237	20184	14.738	ng/ul#	86
41) 2,4,6-Trichlorophenol	12.953	196	34244	20.038	ng/ul#	97
42) 2,4,5-Trichlorophenol	13.035	196	36820	20.459	ng/ul	93
43) 1,1'-Biphenyl	13.347	154	117895	19.840	ng/ul	97
44) 2-Chloronaphthalene	13.388	162	94069	20.116	ng/ul	99
45) 2-Nitroaniline	13.594	65	35453	18.369	ng/ul	99
47) Dimethylphthalate	13.970	163	136990	18.441	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	27662	18.988	ng/ul#	95
50) Acenaphthylene	14.234	152	160950	19.588	ng/ul	99
51) 3-Nitroaniline	14.422	138	24606	19.463	ng/ul	98
52) Acenaphthene	14.581	153	104703	19.425	ng/ul	97
53) 2,4-Dinitrophenol	14.645	184	12965m	16.783	ng/ul	
55) 4-Nitrophenol	14.757	109	16771	16.188	ng/ul	96
56) Dibenzofuran	14.916	168	152149	19.742	ng/ul	95
57) 2,4-Dinitrotoluene	14.886	165	40743	18.382	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.151	232	30617	18.653	ng/ul	93
59) Diethylphthalate	15.333	149	133793	18.238	ng/ul	98
61) Fluorene	15.568	166	126126	18.915	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.556	204	73129	18.700	ng/ul	97
63) 4-Nitroaniline	15.585	138	24554	18.647	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.656	198	23198	17.139	ng/ul	96
67) N-Nitrosodiphenylamine	15.773	169	111370	20.751	ng/ul	98
68) 4-Bromophenyl-phenylether	16.449	248	50846	20.096	ng/ul	99
69) Hexachlorobenzene	16.578	284	57034	20.280	ng/ul	94
70) Atrazine	16.725	200	40692	19.158	ng/ul	95
71) Pentachlorophenol	16.931	266	21937m	22.412	ng/ul	
72) Phenanthrene	17.307	178	207951	20.064	ng/ul	99
74) Anthracene	17.395	178	212977	19.874	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.317	216	62669	22.202	ng/uL	97
76) Pentachlorobenzene	14.839	250	67179	21.527	ng/uL	95
77) Carbazole	17.671	167	170609	19.574	ng/ul	99
78) Di-n-butylphthalate	18.229	149	213381	19.538	ng/ul	100
80) Fluoranthene	19.322	202	264031	19.081	ng/ul	99
82) Pyrene	19.681	202	273206	19.022	ng/ul	99
83) Butylbenzylphthalate	20.574	149	94146	19.081	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.414	252	99815	20.933	ng/ul#	98
85) Benzo(a)anthracene	21.496	228	300991	19.418	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.408	149	142183	19.468	ng/ul	99
87) Chrysene	21.561	228	279044	19.551	ng/ul	98
89) Di-n-octyl phthalate	22.571	149	243652	19.358	ng/ul	100
90) Benzo(b)fluoranthene	23.623	252	283869	18.950	ng/ul	98
91) Benzo(k)fluoranthene	23.688	252	290783	19.122	ng/ul	98
93) Benzo(a)pyrene	24.451	252	276757	19.457	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.083	276	332408	19.325	ng/ul	95
95) Dibenzo(a,h)anthracene	28.141	278	270380	19.063	ng/ul	98
96) Benzo(g,h,i)perylene	29.181	276	252092	18.422	ng/ul	98

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

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Supervised By :mohammad ahmed 06/01/2024