Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058330.D
Acq On : 19 Jul 2023 16:41
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jul 20 01:03:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020525

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	47162	20.000	ng/ul	0.00
20) Naphthalene-d8	10.697	136	232249	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	170331	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	409658	20.000	ng/ul	0.00
79) Chrysene-d12	21.531	240	341799	20.000	ng/ul	0.00
88) Perylene-d12	24.668	264	422422	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	11610	9.061	ng/uL	0.00
4) Pyridine-d5	3.746	84	86510	22.746	ng/ul	0.00
7) Phenol-d5	7.060	99	106170	23.731	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	65255	23.336	ng/ul	0.00
11) 2-Chlorophenol-d4	7.430	132	74329	23.734	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	80571	23.610	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	39110	22.466	ng/ul	0.00
24) 2-Nitrophenol-d4	9.780	143	44237	23.276	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	83334	22.874	ng/ul	0.00
31) 4-Chloroaniline-d4	10.838	131	117173	22.185	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	261985	19.946	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	303955	22.082	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	40143	20.237	ng/ul	0.00
60) Fluorene-d10	15.526	176	235856	21.689	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	42138	20.189	ng/ul	0.00
73) Anthracene-d10	17.377	188	378656	21.392	ng/ul	0.00
81) Pyrene-d10	19.668	212	427077	21.155	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.451	264	426688	20.899	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	12625	8.686	ng/uL	91
5) Pyridine	3.769	79	92943	23.140	ng/ul	97
6) Benzaldehyde	7.036	77	39059m	21.618	ng/ul	
8) Phenol	7.089	94	108211	23.291	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.312	93	81398	22.869	ng/ul	99
12) 2-Chlorophenol	7.459	128	76354	23.292	ng/ul	99
13) 2-Methylphenol	8.340	108	85756	23.682	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.417	45	134116	22.993	ng/ul	97
16) Acetophenone	8.716	105	133352	22.946	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.699	70	71342	22.429	ng/ul	96
18) 4-Methylphenol	8.664	108	94699	24.064	ng/ul	96
19) Hexachloroethane	8.975	117	29737	23.013	ng/ul	88
22) Nitrobenzene	9.098	77	102465	22.072	ng/ul	99
23) Isophorone	9.621	82	210136	20.190	ng/ul	100
25) 2-Nitrophenol	9.809	139	47810	23.552	ng/ul	96
26) 2,4-Dimethylphenol	9.868	107	101142	22.345	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.103	93	117971	21.402	ng/ul	98
29) 2,4-Dichlorophenol	10.350	162	80529	23.288	ng/ul	92
30) Naphthalene	10.749	128	272459	21.948	ng/ul	99
32) 4-Chloroaniline	10.861	127	121540	22.516	ng/ul	99
33) Hexachlorobutadiene	11.031	225	54620	22.090	ng/ul	97
34) Caprolactam	11.613	113	30059m	20.930	ng/ul	
35) 4-Chloro-3-methylphenol	11.989	107	100187	22.766	ng/ul	99
36) 2-Methylnaphthalene	12.359	142	184519	22.186	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.577	142	189231	22.200	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.729	216	107691	21.841	ng/ul	98
40)	Hexachlorocyclopentadiene	12.700	237	53373	20.126	ng/ul	99
41)	2,4,6-Trichlorophenol	12.970	196	76808	23.011	ng/ul	95
42)	2,4,5-Trichlorophenol	13.047	196	77099	21.661	ng/ul	98
43)	1,1'-Biphenyl	13.370	154	251707	21.854	ng/ul	99
44)	2-Chloronaphthalene	13.411	162	204656	22.348	ng/ul	98
45)	2-Nitroaniline	13.617	65	71329	22.424	ng/ul	98
47)	Dimethylphthalate	13.987	163	266448	20.196	ng/ul	99
48)	2,6-Dinitrotoluene	14.110	165	56446	22.141	ng/ul	99
50)	Acenaphthylene	14.257	152	330194	22.223	ng/ul	99
51)	3-Nitroaniline	14.439	138	45260	21.303	ng/ul	96
52)	Acenaphthene	14.598	153	226207	21.928	ng/ul	99
53)	2,4-Dinitrophenol	14.651	184	30282	22.318	ng/ul	96
55)	4-Nitrophenol	14.751	109	31147	20.389	ng/ul	91
56)	Dibenzofuran	14.933	168	321775	21.906	ng/ul	99
57)	2,4-Dinitrotoluene	14.898	165	83168	22.618	ng/ul#	93
58)	2,3,4,6-Tetrachlorophenol	15.162	232	71954	21.881	ng/ul#	97
59)	Diethylphthalate	15.350	149	274713	20.212	ng/ul	98
61)	Fluorene	15.585	166	262955	21.830	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.573	204	138271	21.623	ng/ul	97
63)	4-Nitroaniline	15.603	138	34774m	18.088	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.661	198	44229	20.597	ng/ul	94
67)	N-Nitrosodiphenylamine	15.791	169	219438	21.610	ng/ul	99
68)	4-Bromophenyl-phenylether	16.466	248	93952	21.652	ng/ul	95
69)	Hexachlorobenzene	16.584	284	106276	21.706	ng/ul	95
70)	Atrazine	16.737	200	84826	21.306	ng/ul	97
71)	Pentachlorophenol	16.930	266	59102	21.505	ng/ul	97
72)	Phenanthrene	17.324	178	418139	21.478	ng/ul	99
74)	Anthracene	17.412	178	426029	21.798	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.335	216	115045	22.389	ng/uL	98
76)	Pentachlorobenzene	14.856	250	124058	22.078	ng/uL	97
77)	Carbazole	17.682	167	380875	22.482	ng/ul	99
78)	Di-n-butylphthalate	18.235	149	470757	21.868	ng/ul	99
80)	Fluoranthene	19.333	202	495400	21.421	ng/ul	99
82)	Pyrene	19.698	202	492418	21.013	ng/ul	99
83)	Butylbenzylphthalate	20.579	149	204747	22.189	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.431	252	177962	23.324	ng/ul	96
85)	Benzo(a)anthracene	21.513	228	491033	21.373	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.413	149	296526	22.593	ng/ul	100
87)	Chrysene	21.578	228	466695	21.416	ng/ul	98
89)	Di-n-octyl phthalate	22.583	149	511958	22.778	ng/ul	100
90)	Benzo(b)fluoranthene	23.670	252	508522	20.806	ng/ul	99
91)	Benzo(k)fluoranthene	23.734	252	504625	20.702	ng/ul	99
93)	Benzo(a)pyrene	24.516	252	451204	20.756	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	28.235	276	608914	21.260	ng/ul	98
95)	Dibenzo(a,h)anthracene	28.288	278	502918	21.413	ng/ul	95
96)	Benzo(g,h,i)perylene	29.357	276	500700	21.457	ng/ul	99

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

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