Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
Data File : BG058392.D
Acq On : 21 Jul 2023 18:03
Operator : CG/JU
Sample : 03504-21MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 22 01:47:37 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 :
A46T5MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.894	152	46819	20.000	ng/ul	0.00
20) Naphthalene-d8	10.697	136	201287	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	130380	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.278	188	283661	20.000	ng/ul	0.00
79) Chrysene-d12	21.531	240	230008	20.000	ng/ul	0.00
88) Perylene-d12	24.669	264	285453	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.347	96	5107	4.015	ng/uL	0.00
4) Pyridine-d5	3.752	84	65342	17.306	ng/ul	0.00
7) Phenol-d5	7.066	99	51598	11.618	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.225	67	61321	22.090	ng/ul	0.00
11) 2-Chlorophenol-d4	7.430	132	57667	18.549	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	5724	1.690	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	36574	24.241	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	39240	23.823	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	44698	14.156	ng/ul	0.00
31) 4-Chloroaniline-d4	10.844	131	3231	0.706	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	217789	21.662	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	138287	13.125	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	27884	18.364	ng/ul	0.00
60) Fluorene-d10	15.527	176	194957	23.422	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	19541	13.521	ng/ul	0.00
73) Anthracene-d10	17.378	188	145313	11.856	ng/ul	0.00
81) Pyrene-d10	19.669	212	38311	2.820	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.446	264	12895	0.935	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	14575	10.101	ng/uL#	87
5) Pyridine	3.776	79	19895	4.990	ng/ul#	93
6) Benzaldehyde	7.037	77	81034m	45.178	ng/ul	
8) Phenol	7.090	94	56613	12.274	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.319	93	88898	25.159	ng/ul	99
12) 2-Chlorophenol	7.466	128	65357	20.083	ng/ul	96
13) 2-Methylphenol	8.341	108	3981m	1.107	ng/ul	
14) 2,2'-oxybis(1-Chloropr...	8.417	45	149918m	25.890	ng/ul	
16) Acetophenone	8.717	105	145519	25.223	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.694	70	85154	26.968	ng/ul	94
18) 4-Methylphenol	8.670	108	29411	7.528	ng/ul	91
19) Hexachloroethane	8.976	117	2493	1.943	ng/ul#	78
22) Nitrobenzene	9.099	77	106552	26.482	ng/ul	98
23) Isophorone	9.616	82	204070	22.623	ng/ul	99
25) 2-Nitrophenol	9.810	139	46752	26.573	ng/ul	95
26) 2,4-Dimethylphenol	9.875	107	2982	0.760	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.098	93	121788	25.493	ng/ul	99
29) 2,4-Dichlorophenol	10.345	162	46075	15.374	ng/ul	95
30) Naphthalene	10.750	128	200536	18.639	ng/ul	99
32) 4-Chloroaniline	10.867	127	4414m	0.943	ng/ul	
33) Hexachlorobutadiene	11.026	225	50690	23.654	ng/ul	94
34) Caprolactam	11.608	113	24290	19.514	ng/ul	96
35) 4-Chloro-3-methylphenol	11.990	107	18365	4.815	ng/ul	93
36) 2-Methylnaphthalene	12.360	142	178666	24.786	ng/ul	99

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37) 1-Methylnaphthalene	12.577	142	167998	22.740	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.724	216	30921	8.193	ng/ul	99
40) Hexachlorocyclopentadiene	12.701	237	28276	13.929	ng/ul	99
41) 2,4,6-Trichlorophenol	12.971	196	41737	16.336	ng/ul	98
42) 2,4,5-Trichlorophenol	13.041	196	38696	14.203	ng/ul	99
43) 1,1'-Biphenyl	13.365	154	249536	28.304	ng/ul	100
44) 2-Chloronaphthalene	13.412	162	111626	15.925	ng/ul	97
45) 2-Nitroaniline	13.617	65	63736	26.177	ng/ul	94
47) Dimethylphthalate	13.987	163	251277	24.882	ng/ul	100
48) 2,6-Dinitrotoluene	14.111	165	53357	27.342	ng/ul	92
50) Acenaphthylene	14.258	152	155179	13.644	ng/ul	100
51) 3-Nitroaniline	14.440	138	12648	7.777	ng/ul	91
52) Acenaphthene	14.598	153	144398	18.287	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	11885	11.443	ng/ul	98
55) 4-Nitrophenol	14.757	109	27363	23.400	ng/ul	93
56) Dibenzofuran	14.933	168	282295	25.107	ng/ul	98
57) 2,4-Dinitrotoluene	14.898	165	73571	26.139	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.162	232	37684	14.971	ng/ul#	99
59) Diethylphthalate	15.345	149	258784	24.874	ng/ul	99
61) Fluorene	15.585	166	246019	26.682	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.574	204	128776	26.308	ng/ul	96
63) 4-Nitroaniline	15.603	138	22795	15.490	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.662	198	23996	16.139	ng/ul	95
67) N-Nitrosodiphenylamine	15.785	169	96772	13.763	ng/ul	100
68) 4-Bromophenyl-phenylether	16.467	248	85254	28.375	ng/ul	94
69) Hexachlorobenzene	16.584	284	6990	2.062	ng/ul	95
70) Atrazine	16.731	200	60802	22.055	ng/ul	94
71) Pentachlorophenol	16.931	266	15413	8.099	ng/ul	89
72) Phenanthrene	17.319	178	276865	20.538	ng/ul	99
74) Anthracene	17.413	178	169183	12.502	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.335	216	22400	6.296	ng/uL	96
76) Pentachlorobenzene	14.851	250	16919	4.348	ng/uL	92
77) Carbazole	17.683	167	38678	3.297	ng/ul	98
78) Di-n-butylphthalate	18.235	149	457732	30.707	ng/ul	99
80) Fluoranthene	19.334	202	326077	20.952	ng/ul	99
82) Pyrene	19.698	202	46517	2.950	ng/ul	99
83) Butylbenzylphthalate	20.580	149	199686	32.159	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.432	252	4740m	0.923	ng/ul	
85) Benzo(a)anthracene	21.514	228	305102	19.735	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.414	149	312480	35.380	ng/ul	98
87) Chrysene	21.578	228	230153	15.695	ng/ul	100
89) Di-n-octyl phthalate	22.583	149	494246	32.542	ng/ul	100
90) Benzo(b)fluoranthene	23.670	252	232802	14.096	ng/ul	98
91) Benzo(k)fluoranthene	23.735	252	250104	15.183	ng/ul	97
93) Benzo(a)pyrene	24.516	252	11797m	0.803	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.294	276	99358	5.134	ng/ul#	76
95) Dibenzo(a,h)anthracene	28.300	278	311390	19.620	ng/ul	99
96) Benzo(g,h,i)perylene	29.334	276	1419m	0.090	ng/ul	

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

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