Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050823\
Data File : BG057346.D
Acq On : 9 May 2023 1:43
Operator : CG/JU
Sample : PB152593BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 09 03:04:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 08 11:47:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS593

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.372	152	17251	20.000	ng/ul	0.00
20) Naphthalene-d8	11.209	136	77271	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.986	164	62525	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.724	188	154866	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.041	240	143181	20.000	ng/ul	0.00
88) Perylene-d12	25.554	264	146285	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.649	96	1902	4.852	ng/uL	0.00
4) Pyridine-d5	4.089	84	29719	24.046	ng/ul	0.00
7) Phenol-d5	7.508	99	45569	27.932	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.678	67	23742	24.742	ng/ul	0.00
11) 2-Chlorophenol-d4	7.902	132	31954	29.722	ng/ul	0.00
15) 4-Methylphenol-d8	9.077	113	36019	29.049	ng/ul	0.00
21) Nitrobenzene-d5	9.547	128	16592	26.963	ng/ul	0.00
24) 2-Nitrophenol-d4	10.275	143	20464	28.495	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.827	165	41245	29.769	ng/ul	0.00
31) 4-Chloroaniline-d4	11.338	131	45262	24.648	ng/ul	0.00
46) Dimethylphthalate-d6	14.369	166	138971	28.051	ng/ul	0.00
49) Acenaphthylene-d8	14.687	160	156953	28.187	ng/ul	0.00
54) 4-Nitrophenol-d4	15.174	143	17881	24.795	ng/ul	0.00
60) Fluorene-d10	15.973	176	127371	27.598	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.091	200	25344	27.621	ng/ul	0.00
73) Anthracene-d10	17.824	188	199512	28.224	ng/ul	0.00
81) Pyrene-d10	20.091	212	241454	28.411	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.313	264	221155	29.674	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.684	88	4335m	10.427	ng/uL	
5) Pyridine	4.107	79	31144	23.905	ng/ul	92
6) Benzaldehyde	7.496	77	26963	54.112	ng/ul	92
8) Phenol	7.538	94	47464	28.865	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.773	93	31635	25.706	ng/ul	99
12) 2-Chlorophenol	7.931	128	33721	29.861	ng/ul	96
13) 2-Methylphenol	8.806	108	36213	28.417	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.889	45	38458	24.238	ng/ul	94
16) Acetophenone	9.200	105	58391	27.367	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.171	70	31874	25.996	ng/ul	94
18) 4-Methylphenol	9.141	108	39922	28.942	ng/ul	99
19) Hexachloroethane	9.470	117	13479	28.529	ng/ul	92
22) Nitrobenzene	9.594	77	48446	26.439	ng/ul	93
23) Isophorone	10.111	82	89233	25.595	ng/ul	99
25) 2-Nitrophenol	10.310	139	22175	30.486	ng/ul	96
26) 2,4-Dimethylphenol	10.351	107	43754	26.516	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.586	93	48020	26.497	ng/ul	99
29) 2,4-Dichlorophenol	10.851	162	38925	29.598	ng/ul	95
30) Naphthalene	11.262	128	117830	27.773	ng/ul	99
32) 4-Chloroaniline	11.362	127	44250	23.127	ng/ul	97
33) Hexachlorobutadiene	11.532	225	31024	27.813	ng/ul	92
34) Caprolactam	12.114	113	12732m	28.758	ng/ul	
35) 4-Chloro-3-methylphenol	12.460	107	44436	29.366	ng/ul	97
36) 2-Methylnaphthalene	12.836	142	88109	28.319	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	13.054	142	90286	28.859	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	13.200	216	65633	28.886	ng/ul	99
40)	Hexachlorocyclopentadiene	13.171	237	11679	10.300	ng/ul	95
41)	2,4,6-Trichlorophenol	13.430	196	38672	29.224	ng/ul	96
42)	2,4,5-Trichlorophenol	13.512	196	42133	29.655	ng/ul	90
43)	1,1'-Biphenyl	13.823	154	129773	27.201	ng/ul	99
44)	2-Chloronaphthalene	13.876	162	104330	28.203	ng/ul	98
45)	2-Nitroaniline	14.070	65	32011	28.665	ng/ul	90
47)	Dimethylphthalate	14.416	163	136846	27.506	ng/ul	100
48)	2,6-Dinitrotoluene	14.552	165	30809	30.091	ng/ul	98
50)	Acenaphthylene	14.716	152	157799	27.887	ng/ul	99
51)	3-Nitroaniline	14.886	138	26439	36.444	ng/ul	100
52)	Acenaphthene	15.051	153	112884	27.999	ng/ul	96
53)	2,4-Dinitrophenol	15.098	184	13457	24.680	ng/ul	90
55)	4-Nitrophenol	15.192	109	19837	24.265	ng/ul	96
56)	Dibenzofuran	15.380	168	163888	28.150	ng/ul	100
57)	2,4-Dinitrotoluene	15.339	165	43375	29.593	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.609	232	36987	28.650	ng/ul	97
59)	Diethylphthalate	15.762	149	137206	27.145	ng/ul	99
61)	Fluorene	16.026	166	136989	27.826	ng/ul	99
62)	4-Chlorophenyl-phenyle...	16.003	204	78756	27.409	ng/ul	98
63)	4-Nitroaniline	16.044	138	27367	39.835	ng/ul	96
66)	4,6-Dinitro-2-methylph...	16.108	198	25924	27.726	ng/ul	94
67)	N-Nitrosodiphenylamine	16.220	169	116968	28.914	ng/ul	98
68)	4-Bromophenyl-phenylether	16.895	248	53135	28.706	ng/ul	97
69)	Hexachlorobenzene	17.031	284	58555	30.041	ng/ul	98
70)	Atrazine	17.148	200	41491	23.077	ng/ul	95
71)	Pentachlorophenol	17.377	266	21038m	23.351	ng/ul	
72)	Phenanthrene	17.771	178	232634	28.846	ng/ul	99
74)	Anthracene	17.859	178	229632	28.346	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.800	216	67532	28.992	ng/uL	98
76)	Pentachlorobenzene	15.303	250	68106	28.725	ng/uL	99
77)	Carbazole	18.123	167	199156	29.418	ng/ul	99
78)	Di-n-butylphthalate	18.640	149	231439	29.896	ng/ul	99
80)	Fluoranthene	19.756	202	290527	28.778	ng/ul	98
82)	Pyrene	20.120	202	288095	28.189	ng/ul	99
83)	Butylbenzylphthalate	20.972	149	101897	31.133	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.912	252	104589	32.891	ng/ul	98
85)	Benzo(a)anthracene	22.018	228	288964	28.535	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.859	149	142828	30.005	ng/ul	96
87)	Chrysene	22.088	228	271068	28.372	ng/ul	98
89)	Di-n-octyl phthalate	23.163	149	240388	29.758	ng/ul	100
90)	Benzo(b)fluoranthene	24.426	252	292292	28.854	ng/ul	98
91)	Benzo(k)fluoranthene	24.503	252	287890	29.211	ng/ul	99
93)	Benzo(a)pyrene	25.390	252	255375	29.201	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	29.614	276	322212m	29.474	ng/ul	
95)	Dibenzo(a,h)anthracene	29.678	278	269109	29.687	ng/ul#	98
96)	Benzo(g,h,i)perylene	30.900	276	257099m	29.059	ng/ul	

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

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