Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058297.D
Acq On : 18 Jul 2023 12:12
Operator : CG/JU
Sample : 03458-23MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 19 04:38:55 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 :
A46K5MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	41135	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	187293	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.536	164	138170	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.279	188	334250	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	278343	20.000	ng/ul	0.00
88) Perylene-d12	24.665	264	337120	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	2440	2.183	ng/uL	0.00
4) Pyridine-d5	3.748	84	32865	9.907	ng/ul	0.00
7) Phenol-d5	7.062	99	41820	10.717	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.227	67	36492	14.962	ng/ul	0.00
11) 2-Chlorophenol-d4	7.432	132	36849	13.490	ng/ul	0.00
15) 4-Methylphenol-d8	8.607	113	5454	1.832	ng/ul	0.00
21) Nitrobenzene-d5	9.054	128	21566	15.362	ng/ul	0.00
24) 2-Nitrophenol-d4	9.782	143	23177	15.122	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.323	165	35051	11.930	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	5179m	1.216	ng/ul	0.00
46) Dimethylphthalate-d6	13.936	166	162977	15.296	ng/ul	0.00
49) Acenaphthylene-d8	14.230	160	139548	12.498	ng/ul	0.00
54) 4-Nitrophenol-d4	14.735	143	20260	12.591	ng/ul	0.00
60) Fluorene-d10	15.529	176	144403	16.370	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	22867	13.428	ng/ul	0.00
73) Anthracene-d10	17.379	188	155017	10.733	ng/ul	0.00
81) Pyrene-d10	19.665	212	71647	4.358	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.448	264	24469	1.502	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.378	88	7971	6.288	ng/uL#	86
5) Pyridine	3.772	79	3997	1.141	ng/ul#	71
6) Benzaldehyde	7.039	77	41119m	26.092	ng/ul	
8) Phenol	7.091	94	48754	12.031	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.315	93	53655	17.283	ng/ul	98
12) 2-Chlorophenol	7.462	128	42595	14.897	ng/ul	99
13) 2-Methylphenol	8.337	108	5154	1.632	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.419	45	89602	17.612	ng/ul	99
16) Acetophenone	8.719	105	91880	18.126	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.695	70	51446	18.544	ng/ul	98
18) 4-Methylphenol	8.678	108	22173	6.460	ng/ul	83
19) Hexachloroethane	8.977	117	3625	3.216	ng/ul	84
22) Nitrobenzene	9.101	77	64204	17.149	ng/ul	99
23) Isophorone	9.618	82	138272	16.474	ng/ul	99
25) 2-Nitrophenol	9.812	139	29964	18.303	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.105	93	76966	17.314	ng/ul	97
29) 2,4-Dichlorophenol	10.352	162	38126	13.672	ng/ul	94
30) Naphthalene	10.752	128	160435	16.026	ng/ul	99
32) 4-Chloroaniline	10.869	127	6483m	1.489	ng/ul	
33) Hexachlorobutadiene	11.028	225	32876	16.488	ng/ul	96
34) Caprolactam	11.610	113	18898	16.317	ng/ul	96
35) 4-Chloro-3-methylphenol	11.992	107	21666	6.105	ng/ul	90
36) 2-Methylnaphthalene	12.362	142	120769	18.006	ng/ul	100
37) 1-Methylnaphthalene	12.579	142	120438	17.521	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39)	1,2,4,5-Tetrachloroben...	12.726	216	37057	9.265	ng/ul	96
40)	Hexachlorocyclopentadiene	12.702	237	29792	13.849	ng/ul	94
41)	2,4,6-Trichlorophenol	12.967	196	32805	12.116	ng/ul	97
42)	2,4,5-Trichlorophenol	13.043	196	38281	13.259	ng/ul	98
43)	1,1'-Biphenyl	13.366	154	172607	18.474	ng/ul	98
44)	2-Chloronaphthalene	13.413	162	110221	14.838	ng/ul	98
45)	2-Nitroaniline	13.619	65	45930	17.800	ng/ul	96
47)	Dimethylphthalate	13.989	163	193051	18.039	ng/ul	99
48)	2,6-Dinitrotoluene	14.113	165	38168	18.456	ng/ul	96
50)	Acenaphthylene	14.259	152	166695	13.831	ng/ul	99
51)	3-Nitroaniline	14.442	138	15278	8.865	ng/ul	94
52)	Acenaphthene	14.600	153	133474	15.950	ng/ul	99
53)	2,4-Dinitrophenol	14.653	184	15897	14.443	ng/ul#	27
55)	4-Nitrophenol	14.753	109	20864	16.836	ng/ul	92
56)	Dibenzofuran	14.935	168	219167	18.394	ng/ul	96
57)	2,4-Dinitrotoluene	14.900	165	55095	18.471	ng/ul#	95
58)	2,3,4,6-Tetrachlorophenol	15.158	232	35515	13.314	ng/ul#	94
59)	Diethylphthalate	15.346	149	201869	18.310	ng/ul	99
61)	Fluorene	15.581	166	186457	19.082	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.576	204	97646	18.824	ng/ul	96
63)	4-Nitroaniline	15.605	138	20717m	13.285	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.664	198	31317	17.875	ng/ul	99
67)	N-Nitrosodiphenylamine	15.787	169	71237	8.598	ng/ul	100
68)	4-Bromophenyl-phenylether	16.469	248	65576	18.522	ng/ul	97
69)	Hexachlorobenzene	16.586	284	12977	3.248	ng/ul	95
70)	Atrazine	16.733	200	30727	9.459	ng/ul	92
71)	Pentachlorophenol	16.933	266	18721	8.349	ng/ul	97
72)	Phenanthrene	17.321	178	263896	16.614	ng/ul	98
74)	Anthracene	17.415	178	189687	11.895	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.337	216	32241	7.690	ng/uL	96
76)	Pentachlorobenzene	14.853	250	64020	13.964	ng/uL	98
77)	Carbazole	17.685	167	65697	4.753	ng/ul	99
78)	Di-n-butylphthalate	18.237	149	365995	20.837	ng/ul	99
80)	Fluoranthene	19.336	202	318311	16.901	ng/ul	99
82)	Pyrene	19.694	202	79367	4.159	ng/ul	98
83)	Butylbenzylphthalate	20.581	149	161517	21.495	ng/ul	97
85)	Benzo(a)anthracene	21.510	228	308169	16.472	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.416	149	264996	24.794	ng/ul	98
87)	Chrysene	21.574	228	273377	15.405	ng/ul	99
89)	Di-n-octyl phthalate	22.585	149	387130	21.583	ng/ul	100
90)	Benzo(b)fluoranthene	23.666	252	281349	14.424	ng/ul	99
91)	Benzo(k)fluoranthene	23.731	252	287922	14.800	ng/ul	98
93)	Benzo(a)pyrene	24.512	252	21790	1.256	ng/ul	93
94)	Indeno(1,2,3-cd)pyrene	28.290	276	122893	5.376	ng/ul#	72
95)	Dibenzo(a,h)anthracene	28.290	278	314454	16.776	ng/ul	98

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

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