Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072623\
Data File : BG058493.D
Acq On : 27 Jul 2023 00:46
Operator : MA/JU
Sample : 03553-11MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4701MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023

Quant Time: Jul 27 04:06:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 26 17:43:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	43918	20.000	ng/ul	0.00
20) Naphthalene-d8	10.614	136	185844	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	124428	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.207	188	298558	20.000	ng/ul	0.00
79) Chrysene-d12	21.449	240	259982	20.000	ng/ul	0.00
88) Perylene-d12	24.516	264	320467	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.241	96	6851	5.742	ng/uL	0.00
4) Pyridine-d5	3.652	84	50760	14.332	ng/ul	0.00
7) Phenol-d5	6.983	99	27897	6.696	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.142	67	109571	42.078	ng/ul	0.00
11) 2-Chlorophenol-d4	7.347	132	82163	28.173	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	52366	16.478	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	61565	44.196	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	38759	25.486	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.238	165	100034	34.314	ng/ul	0.00
31) 4-Chloroaniline-d4	10.755	131	143934	34.057	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	394086	41.072	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	437910	43.551	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	3343m	2.307	ng/ul	0.00
60) Fluorene-d10	15.456	176	345248	43.461	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.585	200	18647	12.259	ng/ul	0.00
73) Anthracene-d10	17.306	188	583976	45.268	ng/ul	0.00
81) Pyrene-d10	19.598	212	710607	46.277	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.304	264	739229	47.726	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.276	88	8135m	6.010	ng/uL	
5) Pyridine	3.669	79	53657	14.346	ng/ul	99
6) Benzaldehyde	6.954	77	87684	52.114	ng/ul	97
8) Phenol	7.013	94	29012	6.706	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.236	93	127553	38.483	ng/ul	96
12) 2-Chlorophenol	7.377	128	79661	26.096	ng/ul	98
13) 2-Methylphenol	8.264	108	66503	19.722	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.340	45	204370	37.626	ng/ul	97
16) Acetophenone	8.634	105	197826	36.554	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.617	70	103699	35.010	ng/ul	98
18) 4-Methylphenol	8.593	108	58013	15.830	ng/ul	95
19) Hexachloroethane	8.893	117	35258	29.302	ng/ul	97
22) Nitrobenzene	9.022	77	147906	39.815	ng/ul	99
23) Isophorone	9.539	82	301500	36.201	ng/ul	99
25) 2-Nitrophenol	9.733	139	37692	23.204	ng/ul	97
26) 2,4-Dimethylphenol	9.792	107	96830	26.734	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.027	93	170020	38.546	ng/ul	99
29) 2,4-Dichlorophenol	10.268	162	87926	31.777	ng/ul	95
30) Naphthalene	10.667	128	357064	35.945	ng/ul	98
32) 4-Chloroaniline	10.779	127	112496	26.044	ng/ul	97
33) Hexachlorobutadiene	10.949	225	67424	34.077	ng/ul	98
34) Caprolactam	11.537	113	5606m	4.878	ng/ul	
35) 4-Chloro-3-methylphenol	11.907	107	97215	27.607	ng/ul	96
36) 2-Methylnaphthalene	12.283	142	240318	36.110	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.500	142	244683	35.872	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.653	216	149850	41.602	ng/ul	98
40) Hexachlorocyclopentadiene	12.624	237	31428	16.223	ng/ul	96
41) 2,4,6-Trichlorophenol	12.894	196	86637	35.531	ng/ul	98
42) 2,4,5-Trichlorophenol	12.970	196	74203	28.539	ng/ul	97
43) 1,1'-Biphenyl	13.293	154	334226	39.724	ng/ul	99
44) 2-Chloronaphthalene	13.335	162	270585	40.448	ng/ul	97
45) 2-Nitroaniline	13.546	65	97435	41.931	ng/ul	95
47) Dimethylphthalate	13.916	163	370445	38.437	ng/ul	98
48) 2,6-Dinitrotoluene	14.040	165	82539	44.319	ng/ul	99
50) Acenaphthylene	14.187	152	435021	40.080	ng/ul	99
51) 3-Nitroaniline	14.375	138	69459	44.753	ng/ul	91
52) Acenaphthene	14.527	153	301128	39.960	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	7986	8.057	ng/ul	98
55) 4-Nitrophenol	14.698	109	2463	2.207	ng/ul	93
56) Dibenzofuran	14.862	168	432971	40.351	ng/ul	100
57) 2,4-Dinitrotoluene	14.833	165	115300	42.924	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.091	232	74784	31.131	ng/ul	98
59) Diethylphthalate	15.279	149	391264	39.407	ng/ul	99
61) Fluorene	15.509	166	356074	40.465	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.503	204	196785	42.125	ng/ul	97
63) 4-Nitroaniline	15.532	138	71009m	50.563	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.597	198	16862m	10.775	ng/ul	
67) N-Nitrosodiphenylamine	15.720	169	311967	42.154	ng/ul	99
68) 4-Bromophenyl-phenylether	16.396	248	137360	43.436	ng/ul	96
69) Hexachlorobenzene	16.513	284	157771	44.214	ng/ul	100
70) Atrazine	16.666	200	72238	24.896	ng/ul	94
71) Pentachlorophenol	16.866	266	37987m	18.965	ng/ul	
72) Phenanthrene	17.248	178	608211	42.867	ng/ul	98
74) Anthracene	17.342	178	594704	41.752	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.258	216	158028	42.198	ng/uL	98
76) Pentachlorobenzene	14.786	250	397051	96.955	ng/uL	97
77) Carbazole	17.612	167	558888	45.265	ng/ul	99
78) Di-n-butylphthalate	18.164	149	765942	48.819	ng/ul	99
80) Fluoranthene	19.263	202	751554	42.723	ng/ul	99
82) Pyrene	19.627	202	744295	41.758	ng/ul	99
83) Butylbenzylphthalate	20.514	149	320833	45.712	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.349	252	266557	45.930	ng/ul	97
85) Benzo(a)anthracene	21.431	228	776558	44.439	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.337	149	454272	45.505	ng/ul	98
87) Chrysene	21.490	228	735996	44.404	ng/ul	98
89) Di-n-octyl phthalate	22.483	149	814801	47.786	ng/ul	100
90) Benzo(b)fluoranthene	23.540	252	815575	43.986	ng/ul	99
91) Benzo(k)fluoranthene	23.605	252	809487	43.773	ng/ul	100
93) Benzo(a)pyrene	24.375	252	702305	42.585	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.000	276	782071m	35.993	ng/ul	
95) Dibenzo(a,h)anthracene	28.058	278	662261	37.168	ng/ul	98
96) Benzo(g,h,i)perylene	29.098	276	598480m	33.806	ng/ul	

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

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