Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056839.D
Acq On : 6 Mar 2023 13:16
Operator : CG/JU
Sample : 01712-08MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 07 01:38:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 00:12:28 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBZX0MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.415	152	14436	20.000	ng/ul	0.00
20) Naphthalene-d8	11.253	136	61852	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.019	164	49997	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.751	188	125138	20.000	ng/ul	0.00
79) Chrysene-d12	22.058	240	117064	20.000	ng/ul	0.00
88) Perylene-d12	25.583	264	128278	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.697	96	1954	7.508	ng/uL	0.00
4) Pyridine-d5	4.132	84	36858	35.089	ng/ul	0.00
7) Phenol-d5	7.539	99	50016	34.623	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.716	67	29349	33.306	ng/ul	0.00
11) 2-Chlorophenol-d4	7.939	132	31101	32.419	ng/ul	0.00
15) 4-Methylphenol-d8	9.108	113	36807	33.345	ng/ul	0.00
21) Nitrobenzene-d5	9.584	128	17720	34.186	ng/ul	0.00
24) 2-Nitrophenol-d4	10.318	143	20669	33.499	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.853	165	40943	35.223	ng/ul	0.00
31) 4-Chloroaniline-d4	11.376	131	47317	31.210	ng/ul	0.00
46) Dimethylphthalate-d6	14.402	166	135842	33.675	ng/ul	0.00
49) Acenaphthylene-d8	14.719	160	156023	34.031	ng/ul	0.00
54) 4-Nitrophenol-d4	15.177	143	22182	31.894	ng/ul	0.00
60) Fluorene-d10	16.000	176	131098	35.133	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.106	200	26771	31.976	ng/ul	0.00
73) Anthracene-d10	17.851	188	200412	33.012	ng/ul	0.00
81) Pyrene-d10	20.113	212	247836	31.287	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.342	264	238055	34.381	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.738	88	5186m	16.162	ng/uL	
5) Pyridine	4.155	79	41013	36.868	ng/ul	94
6) Benzaldehyde	7.539	77	36091	47.687	ng/ul	95
8) Phenol	7.569	94	53541	36.336	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.815	93	36218	34.594	ng/ul	97
12) 2-Chlorophenol	7.974	128	32602	34.317	ng/ul	97
13) 2-Methylphenol	8.844	108	37602	33.832	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.932	45	49417	35.126	ng/ul	98
16) Acetophenone	9.243	105	65351	34.573	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.220	70	37377	34.463	ng/ul	97
18) 4-Methylphenol	9.173	108	42337	35.056	ng/ul	93
19) Hexachloroethane	9.519	117	14016	34.694	ng/ul	91
22) Nitrobenzene	9.631	77	57936	38.544	ng/ul	99
23) Isophorone	10.154	82	103698	35.288	ng/ul	98
25) 2-Nitrophenol	10.348	139	20719	34.018	ng/ul#	92
26) 2,4-Dimethylphenol	10.389	107	47966	35.264	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.630	93	52959	35.654	ng/ul	98
29) 2,4-Dichlorophenol	10.882	162	41630	36.984	ng/ul	97
30) Naphthalene	11.300	128	120150	35.291	ng/ul	97
32) 4-Chloroaniline	11.400	127	46476	30.947	ng/ul#	88
33) Hexachlorobutadiene	11.582	225	32500	36.227	ng/ul	91
34) Caprolactam	12.140	113	14403m	37.638	ng/ul	
35) 4-Chloro-3-methylphenol	12.481	107	46754	36.155	ng/ul	95
36) 2-Methylnaphthalene	12.874	142	87641	35.944	ng/ul	100

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37) 1-Methylnaphthalene	13.092	142	89393	37.185	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.233	216	65056	36.701	ng/ul	99
40) Hexachlorocyclopentadiene	13.209	237	36620	28.831	ng/ul	99
41) 2,4,6-Trichlorophenol	13.462	196	41775	35.270	ng/ul	93
42) 2,4,5-Trichlorophenol	13.532	196	46281	35.986	ng/ul	99
43) 1,1'-Biphenyl	13.861	154	128812	35.037	ng/ul	99
44) 2-Chloronaphthalene	13.908	162	107476	35.332	ng/ul	94
45) 2-Nitroaniline	14.096	65	38003	35.993	ng/ul	93
47) Dimethylphthalate	14.449	163	139717	34.059	ng/ul#	98
48) 2,6-Dinitrotoluene	14.578	165	29779	35.412	ng/ul#	82
50) Acenaphthylene	14.749	152	163858	35.378	ng/ul	99
51) 3-Nitroaniline	14.907	138	25499	33.881	ng/ul	88
52) Acenaphthene	15.083	153	112985	35.511	ng/ul	96
53) 2,4-Dinitrophenol	15.113	184	18152	33.695	ng/ul#	82
55) 4-Nitrophenol	15.195	109	29503	36.648	ng/ul	90
56) Dibenzofuran	15.412	168	170621	35.326	ng/ul	95
57) 2,4-Dinitrotoluene	15.360	165	41718	34.604	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.630	232	42826	35.783	ng/ul	97
59) Diethylphthalate	15.800	149	140001	34.094	ng/ul	98
61) Fluorene	16.059	166	133577	34.539	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.035	204	81461	35.561	ng/ul	96
63) 4-Nitroaniline	16.065	138	26482	36.013	ng/ul	92
66) 4,6-Dinitro-2-methylph...	16.118	198	26675	33.095	ng/ul	96
67) N-Nitrosodiphenylamine	16.247	169	116535	33.489	ng/ul	97
68) 4-Bromophenyl-phenylether	16.928	248	55254	34.842	ng/ul	97
69) Hexachlorobenzene	17.058	284	59664	35.020	ng/ul	95
70) Atrazine	17.181	200	50112	33.157	ng/ul	97
71) Pentachlorophenol	17.398	266	32672m	33.773	ng/ul	
72) Phenanthrene	17.792	178	235761	34.781	ng/ul	99
74) Anthracene	17.886	178	229922	33.565	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.832	216	68540	35.802	ng/uL	98
76) Pentachlorobenzene	15.330	250	68257	35.155	ng/uL	92
77) Carbazole	18.145	167	200257	34.939	ng/ul	98
78) Di-n-butylphthalate	18.673	149	223679	33.861	ng/ul	99
80) Fluoranthene	19.778	202	294476	30.745	ng/ul	99
82) Pyrene	20.136	202	293917	31.148	ng/ul	99
83) Butylbenzylphthalate	20.994	149	96273	32.161	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.934	252	85131	29.005	ng/ul	97
85) Benzo(a)anthracene	22.040	228	298474	35.032	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.899	149	141055	33.544	ng/ul	98
87) Chrysene	22.110	228	278201	35.058	ng/ul	100
89) Di-n-octyl phthalate	23.209	149	235826	33.815	ng/ul	100
90) Benzo(b)fluoranthene	24.455	252	304026m	35.403	ng/ul	
91) Benzo(k)fluoranthene	24.525	252	293444	35.082	ng/ul	98
93) Benzo(a)pyrene	25.418	252	259315	34.353	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.643	276	360651	35.171	ng/ul#	97
95) Dibenzo(a,h)anthracene	29.707	278	295122	34.421	ng/ul#	95
96) Benzo(g,h,i)perylene	30.930	276	288855	35.265	ng/ul	98

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

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