Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059350.D
Acq On : 7 Oct 2023 20:14
Operator : MA/JU
Sample : 04607-11MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 08 00:05:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BBJQ2MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	43996	20.000	ng/ul	0.00
20) Naphthalene-d8	11.073	136	211671	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.862	164	146810	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.612	188	332744	20.000	ng/ul	0.00
79) Chrysene-d12	21.919	240	301469	20.000	ng/ul	# 0.00
88) Perylene-d12	25.397	264	349770	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.523	96	6695	5.426	ng/uL	0.00
4) Pyridine-d5	3.963	84	41255	11.616	ng/ul	0.00
7) Phenol-d5	7.353	99	34773	7.158	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	113959	41.503	ng/ul	0.00
11) 2-Chlorophenol-d4	7.747	132	99807	29.376	ng/ul	0.00
15) 4-Methylphenol-d8	8.928	113	70076	18.514	ng/ul	0.00
21) Nitrobenzene-d5	9.427	128	81143	45.032	ng/ul	0.00
24) 2-Nitrophenol-d4	10.150	143	82175	42.135	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	133230	37.848	ng/ul	0.00
31) 4-Chloroaniline-d4	11.219	131	174120	31.140	ng/ul	0.00
46) Dimethylphthalate-d6	14.263	166	500975	41.652	ng/ul	0.00
49) Acenaphthylene-d8	14.568	160	570234	39.840	ng/ul	0.00
54) 4-Nitrophenol-d4	15.056	143	20316	9.014	ng/ul	0.00
60) Fluorene-d10	15.849	176	466458	40.630	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.973	200	97258	44.270	ng/ul	0.00
73) Anthracene-d10	17.712	188	703023	43.070	ng/ul	0.00
81) Pyrene-d10	19.991	212	796654	43.622	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.162	264	807875	43.893	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.564	88	8711	6.613	ng/uL#	81
5) Pyridine	3.981	79	42018	11.717	ng/ul	94
6) Benzaldehyde	7.371	77	98895	49.077	ng/ul	94
8) Phenol	7.383	94	43302	9.014	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.647	93	144774	39.134	ng/ul	99
12) 2-Chlorophenol	7.782	128	111205	31.062	ng/ul#	93
13) 2-Methylphenol	8.658	108	84253	23.472	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.740	45	304240	39.305	ng/ul	100
16) Acetophenone	9.075	105	237388	41.273	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.034	70	120932	42.197	ng/ul#	84
18) 4-Methylphenol	8.993	108	78376	19.856	ng/ul	100
19) Hexachloroethane	9.316	117	104337m	80.122	ng/ul	
22) Nitrobenzene	9.474	77	175292	44.375	ng/ul	96
23) Isophorone	9.980	82	366403	43.438	ng/ul#	99
25) 2-Nitrophenol	10.179	139	85645	42.580	ng/ul#	88
26) 2,4-Dimethylphenol	10.209	107	116631	29.394	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.461	93	222422	43.880	ng/ul	98
29) 2,4-Dichlorophenol	10.702	162	142581	40.224	ng/ul	96
30) Naphthalene	11.125	128	534101	43.628	ng/ul	97
32) 4-Chloroaniline	11.243	127	177381	33.534	ng/ul	93
33) Hexachlorobutadiene	11.349	225	94259	44.042	ng/ul	93
34) Caprolactam	12.077	113	9650m	7.497	ng/ul	
35) 4-Chloro-3-methylphenol	12.318	107	139242	36.608	ng/ul	91
36) 2-Methylnaphthalene	12.706	142	363353	44.521	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.929	142	360459	42.538	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.053	216	192754	44.078	ng/ul	98
40) Hexachlorocyclopentadiene	13.006	237	83449	31.786	ng/ul	89
41) 2,4,6-Trichlorophenol	13.299	196	129790	43.741	ng/ul	96
42) 2,4,5-Trichlorophenol	13.370	196	139627	43.327	ng/ul	98
43) 1,1'-Biphenyl	13.705	154	525357	43.479	ng/ul	97
44) 2-Chloronaphthalene	13.758	162	400453	43.115	ng/ul	99
45) 2-Nitroaniline	13.975	65	141988	46.685	ng/ul	94
47) Dimethylphthalate	14.310	163	542611	44.889	ng/ul	98
48) 2,6-Dinitrotoluene	14.457	165	118601	48.633	ng/ul#	96
50) Acenaphthylene	14.598	152	655049	42.576	ng/ul	100
51) 3-Nitroaniline	14.798	138	108357	45.376	ng/ul	97
52) Acenaphthene	14.933	153	453931	43.606	ng/ul	98
53) 2,4-Dinitrophenol	14.991	184	66282	37.838	ng/ul	89
55) 4-Nitrophenol	15.074	109	17155	11.281	ng/ul	93
56) Dibenzofuran	15.262	168	633265	44.088	ng/ul	98
57) 2,4-Dinitrotoluene	15.232	165	163904	45.891	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.473	232	136321	44.084	ng/ul	95
59) Diethylphthalate	15.650	149	531709	44.226	ng/ul	99
61) Fluorene	15.908	166	545560	44.641	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.890	204	264231	43.756	ng/ul	99
63) 4-Nitroaniline	15.961	138	117192	54.511	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.984	198	112854	48.298	ng/ul	94
67) N-Nitrosodiphenylamine	16.114	169	449723	47.760	ng/ul	100
68) 4-Bromophenyl-phenylether	16.789	248	165547	46.853	ng/ul	97
69) Hexachlorobenzene	16.883	284	188378	46.707	ng/ul	96
70) Atrazine	17.048	200	159052	42.603	ng/ul	93
71) Pentachlorophenol	17.236	266	123015	52.480	ng/ul	94
72) Phenanthrene	17.659	178	923669	46.871	ng/ul	99
74) Anthracene	17.753	178	930789	46.440	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.664	216	189226	43.772	ng/uL	95
76) Pentachlorobenzene	15.156	250	193991	43.359	ng/uL	88
77) Carbazole	18.029	167	810050	48.566	ng/ul	95
78) Di-n-butylphthalate	18.528	149	955159	48.403	ng/ul	99
80) Fluoranthene	19.651	202	1060398	46.663	ng/ul	99
82) Pyrene	20.021	202	1101480	46.639	ng/ul	97
83) Butylbenzylphthalate	20.867	149	409977	46.982	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.813	252	220805	29.359	ng/ul	91
85) Benzo(a)anthracene	21.895	228	1076319	46.747	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.725	149	636949	48.805	ng/ul	100
87) Chrysene	21.971	228	1003747	46.413	ng/ul	96
89) Di-n-octyl phthalate	23.017	149	1061864	48.113	ng/ul	100
90) Benzo(b)fluoranthene	24.275	252	1088322	47.225	ng/ul	100
91) Benzo(k)fluoranthene	24.351	252	1115731	47.682	ng/ul	96
93) Benzo(a)pyrene	25.238	252	1017062	46.331	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.427	276	1205398m	47.669	ng/ul	
95) Dibenzo(a,h)anthracene	29.516	278	1003075	48.784	ng/ul	99
96) Benzo(g,h,i)perylene	30.720	276	969891	48.093	ng/ul	97

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

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