Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
Data File : BG059578.D
Acq On : 1 Nov 2023 13:59
Operator : MA/JU
Sample : 04922-10MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 02 03:10:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EOAS3MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.358	152	83666	20.000	ng/ul	0.00
20) Naphthalene-d8	11.207	136	408622	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.985	164	258387	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.741	188	522566	20.000	ng/ul	0.00
79) Chrysene-d12	22.077	240	363863	20.000	ng/ul	0.00
88) Perylene-d12	25.685	264	412840	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.657	96	5471m	2.447	ng/uL	0.00
4) Pyridine-d5	4.098	84	9834	1.574	ng/ul	0.00
7) Phenol-d5	7.465	99	133138	15.486	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.676	67	54042	13.685	ng/ul	0.00
11) 2-Chlorophenol-d4	7.870	132	112329	16.104	ng/ul	0.00
15) 4-Methylphenol-d8	9.045	113	98579	14.452	ng/ul	0.00
21) Nitrobenzene-d5	9.556	128	56193	19.341	ng/ul	0.00
24) 2-Nitrophenol-d4	10.279	143	68127	22.841	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.802	165	123474	18.789	ng/ul	0.00
31) 4-Chloroaniline-d4	11.348	131	134701	12.452	ng/ul	0.00
46) Dimethylphthalate-d6	14.380	166	401203	17.139	ng/ul	0.00
49) Acenaphthylene-d8	14.692	160	481698	17.534	ng/ul	0.00
54) 4-Nitrophenol-d4	15.156	143	75021	18.688	ng/ul	0.00
60) Fluorene-d10	15.972	176	369014	18.445	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.078	200	50835	20.542	ng/ul	0.00
73) Anthracene-d10	17.835	188	562101	19.855	ng/ul	0.00
81) Pyrene-d10	20.109	212	519347	20.534	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.438	264	469375	19.308	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.699	88	12350	4.934	ng/uL	97
6) Benzaldehyde	7.500	77	74343	19.198	ng/ul	93
8) Phenol	7.494	94	152197	18.777	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.770	93	104402	17.565	ng/ul	99
12) 2-Chlorophenol	7.905	128	137396	19.870	ng/ul	98
13) 2-Methylphenol	8.775	108	109580	16.218	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.881	45	92500m	16.537	ng/ul	
16) Acetophenone	9.204	105	289243	26.901	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.163	70	92246	18.208	ng/ul#	96
18) 4-Methylphenol	9.104	108	132585	18.442	ng/ul	93
19) Hexachloroethane	9.445	117	54756	19.937	ng/ul	94
22) Nitrobenzene	9.597	77	148210	23.633	ng/ul	91
23) Isophorone	10.109	82	288223	18.250	ng/ul#	91
25) 2-Nitrophenol	10.314	139	85782	26.741	ng/ul#	80
26) 2,4-Dimethylphenol	10.332	107	37700	4.468	ng/ul#	92
27) Bis(2-Chloroethoxy)met...	10.590	93	160690	18.273	ng/ul	97
29) 2,4-Dichlorophenol	10.831	162	141619	22.275	ng/ul	96
30) Naphthalene	11.260	128	523205	20.543	ng/ul#	98
32) 4-Chloroaniline	11.372	127	149924	14.590	ng/ul#	87
33) Hexachlorobutadiene	11.489	225	76996	20.187	ng/ul	97
34) Caprolactam	12.147	113	48724m	20.949	ng/ul	
35) 4-Chloro-3-methylphenol	12.435	107	170426	22.466	ng/ul	92
36) 2-Methylnaphthalene	12.835	142	370301	21.134	ng/ul	90
37) 1-Methylnaphthalene	13.052	142	359051	20.574	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	13.176	216	160592	21.549	ng/ul	96
40) Hexachlorocyclopentadiene	13.134	237	36230	8.340	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.417	196	114387	22.166	ng/ul	99
42) 2,4,5-Trichlorophenol	13.487	196	128287	22.962	ng/ul	96
43) 1,1'-Biphenyl	13.822	154	485501	20.770	ng/ul	96
44) 2-Chloronaphthalene	13.881	162	375833	20.687	ng/ul	99
45) 2-Nitroaniline	14.086	65	101181	29.932	ng/ul	93
47) Dimethylphthalate	14.427	163	469526	20.301	ng/ul#	96
48) 2,6-Dinitrotoluene	14.568	165	90828	26.034	ng/ul#	64
50) Acenaphthylene	14.721	152	660371	20.863	ng/ul	98
51) 3-Nitroaniline	14.903	138	101006	23.227	ng/ul#	79
52) Acenaphthene	15.050	153	441301	21.388	ng/ul	98
53) 2,4-Dinitrophenol	15.097	184	42264	21.320	ng/ul#	89
55) 4-Nitrophenol	15.167	109	115086	26.014	ng/ul	94
56) Dibenzofuran	15.385	168	587007	21.945	ng/ul	92
57) 2,4-Dinitrotoluene	15.344	165	145740	29.697	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.585	232	109253	24.915	ng/ul	94
59) Diethylphthalate	15.773	149	543873	21.557	ng/ul#	97
61) Fluorene	16.031	166	498927	21.606	ng/ul#	89
62) 4-Chlorophenyl-phenyle...	16.013	204	224203	22.718	ng/ul	97
63) 4-Nitroaniline	16.066	138	113464m	24.586	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.096	198	70053	26.860	ng/ul#	91
67) N-Nitrosodiphenylamine	16.231	169	422275	23.649	ng/ul	95
68) 4-Bromophenyl-phenylether	16.912	248	129733	24.810	ng/ul	88
69) Hexachlorobenzene	17.001	284	154404	25.549	ng/ul	94
70) Atrazine	17.165	200	134237	24.261	ng/ul#	91
71) Pentachlorophenol	17.353	266	81786	23.689	ng/ul	90
72) Phenanthrene	17.782	178	770604m	22.684	ng/ul	
74) Anthracene	17.870	178	775700	22.614	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.781	216	157503	22.633	ng/uL	92
76) Pentachlorobenzene	15.279	250	159113	24.095	ng/uL	96
77) Carbazole	18.146	167	700187	23.762	ng/ul	99
78) Di-n-butylphthalate	18.657	149	900946	22.253	ng/ul	99
80) Fluoranthene	19.774	202	782673	25.387	ng/ul	97
82) Pyrene	20.138	202	801761	25.036	ng/ul#	94
83) Butylbenzylphthalate	21.002	149	351419	24.299	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.959	252	171852	18.162	ng/ul#	92
85) Benzo(a)anthracene	22.053	228	702440	23.459	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.895	149	509273	23.599	ng/ul	96
87) Chrysene	22.130	228	651340	23.384	ng/ul	97
89) Di-n-octyl phthalate	23.246	149	840156	23.244	ng/ul	100
90) Benzo(b)fluoranthene	24.521	252	692998	23.157	ng/ul#	96
91) Benzo(k)fluoranthene	24.592	252	699584	23.404	ng/ul#	97
93) Benzo(a)pyrene	25.520	252	640371	22.641	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	29.885	276	845781m	23.592	ng/ul	
95) Dibenzo(a,h)anthracene	29.985	278	717462m	24.231	ng/ul	
96) Benzo(g,h,i)perylene	31.213	276	455487	15.524	ng/ul#	88

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

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