Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059374.D
Acq On : 8 Oct 2023 13:11
Operator : MA/JU
Sample : PB155979BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 09 01:34:46 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 :
SLCS979

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	8.234	152	44977	20.000	ng/ul	0.00
20) Naphthalene-d8	11.072	136	219519	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.862	164	150001	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.611	188	331105m	20.000	ng/ul	0.00
79) Chrysene-d12	21.918	240	300875	20.000	ng/ul	0.00
88) Perylene-d12	25.402	264	348923	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	10364	8.216	ng/uL	0.00
4) Pyridine-d5	3.963	84	140695	38.749	ng/ul	0.00
7) Phenol-d5	7.359	99	200729	40.419	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	113551	40.453	ng/ul	0.00
11) 2-Chlorophenol-d4	7.746	132	140458	40.439	ng/ul	0.00
15) 4-Methylphenol-d8	8.927	113	150090	38.789	ng/ul	0.00
21) Nitrobenzene-d5	9.433	128	78341	41.923	ng/ul	0.00
24) 2-Nitrophenol-d4	10.144	143	86375	42.706	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.678	165	159032	43.563	ng/ul	0.00
31) 4-Chloroaniline-d4	11.219	131	219314	37.820	ng/ul	0.00
46) Dimethylphthalate-d6	14.262	166	482060	39.227	ng/ul	0.00
49) Acenaphthylene-d8	14.568	160	592452	40.511	ng/ul	0.00
54) 4-Nitrophenol-d4	15.061	143	88818	38.568	ng/ul	0.00
60) Fluorene-d10	15.855	176	451084	38.455	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.966	200	93870	42.940	ng/ul	0.00
73) Anthracene-d10	17.711	188	656277	40.405	ng/ul	0.00
81) Pyrene-d10	19.991	212	748059	41.042	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.161	264	745169	40.584	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.569	88	21225	15.762	ng/uL#	78
5) Pyridine	3.980	79	131584	35.893	ng/ul	92
6) Benzaldehyde	7.370	77	92537	44.921	ng/ul	94
8) Phenol	7.388	94	203440	41.426	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.646	93	154002	40.720	ng/ul	100
12) 2-Chlorophenol	7.782	128	148659	40.618	ng/ul#	83
13) 2-Methylphenol	8.657	108	147947	40.317	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.733	45	330092	41.715	ng/ul	99
16) Acetophenone	9.074	105	236993	40.305	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.039	70	115381	39.382	ng/ul	89
18) 4-Methylphenol	8.992	108	163610	40.545	ng/ul	89
19) Hexachloroethane	9.309	117	55166	41.439	ng/ul#	78
22) Nitrobenzene	9.474	77	170238	41.555	ng/ul#	97
23) Isophorone	9.979	82	370726	42.379	ng/ul	98
25) 2-Nitrophenol	10.179	139	91674	43.948	ng/ul	96
26) 2,4-Dimethylphenol	10.208	107	131780	32.025	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.461	93	228654	43.497	ng/ul	99
29) 2,4-Dichlorophenol	10.702	162	159858	43.486	ng/ul	97
30) Naphthalene	11.119	128	532074	41.908	ng/ul	97
32) 4-Chloroaniline	11.242	127	201403	36.714	ng/ul	99
33) Hexachlorobutadiene	11.348	225	93500	42.125	ng/ul#	90
34) Caprolactam	12.024	113	51622m	38.672	ng/ul	
35) 4-Chloro-3-methylphenol	12.323	107	169347	42.931	ng/ul	98
36) 2-Methylnaphthalene	12.705	142	361085	42.661	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.923	142	363170	41.326	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.052	216	198897	44.515	ng/ul	97
40) Hexachlorocyclopentadiene	13.005	237	94030	35.054	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.299	196	127796	42.153	ng/ul	95
42) 2,4,5-Trichlorophenol	13.369	196	139957	42.505	ng/ul	95
43) 1,1'-Biphenyl	13.698	154	530076	42.936	ng/ul	98
44) 2-Chloronaphthalene	13.751	162	395607	41.687	ng/ul	98
45) 2-Nitroaniline	13.974	65	127595	41.060	ng/ul	97
47) Dimethylphthalate	14.309	163	503934	40.802	ng/ul	98
48) 2,6-Dinitrotoluene	14.456	165	101939	40.911	ng/ul	98
50) Acenaphthylene	14.597	152	644686	41.011	ng/ul	98
51) 3-Nitroaniline	14.797	138	109431	44.851	ng/ul	93
52) Acenaphthene	14.932	153	440353	41.401	ng/ul	99
53) 2,4-Dinitrophenol	14.991	184	57359	32.048	ng/ul	91
55) 4-Nitrophenol	15.073	109	62309	40.101	ng/ul	94
56) Dibenzofuran	15.261	168	595322	40.565	ng/ul	99
57) 2,4-Dinitrotoluene	15.232	165	145213	39.793	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.473	232	125422	39.697	ng/ul#	93
59) Diethylphthalate	15.655	149	479115	39.004	ng/ul	100
61) Fluorene	15.907	166	499646	40.014	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.890	204	251050	40.689	ng/ul	97
63) 4-Nitroaniline	15.960	138	104990	47.797	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.984	198	100476m	43.213	ng/ul	
67) N-Nitrosodiphenylamine	16.113	169	407081	43.446	ng/ul	97
68) 4-Bromophenyl-phenylether	16.789	248	153271	43.593	ng/ul	97
69) Hexachlorobenzene	16.883	284	175787	43.801	ng/ul	99
70) Atrazine	17.047	200	136382	36.711	ng/ul	96
71) Pentachlorophenol	17.241	266	100297	43.000	ng/ul	92
72) Phenanthrene	17.658	178	827424m	42.195	ng/ul	
74) Anthracene	17.752	178	837619	41.999	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.663	216	195337	45.410	ng/uL	93
76) Pentachlorobenzene	15.155	250	182445	40.980	ng/uL	97
77) Carbazole	18.028	167	710700	42.820	ng/ul	98
78) Di-n-butylphthalate	18.528	149	845298	43.048	ng/ul	99
80) Fluoranthene	19.650	202	960119	42.334	ng/ul	99
82) Pyrene	20.020	202	991943	42.084	ng/ul	97
83) Butylbenzylphthalate	20.866	149	367733	42.224	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.812	252	333000	44.365	ng/ul	95
85) Benzo(a)anthracene	21.895	228	957692	41.677	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.724	149	554001	42.533	ng/ul	99
87) Chrysene	21.965	228	899789	41.688	ng/ul	97
89) Di-n-octyl phthalate	23.017	149	950372	43.166	ng/ul	100
90) Benzo(b)fluoranthene	24.280	252	962991	41.888	ng/ul	99
91) Benzo(k)fluoranthene	24.350	252	1009482	43.246	ng/ul	98
93) Benzo(a)pyrene	25.238	252	939351	42.895	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.427	276	1090711m	43.239	ng/ul	
95) Dibenzo(a,h)anthracene	29.515	278	875924	42.704	ng/ul	97
96) Benzo(g,h,i)perylene	30.714	276	869608	43.225	ng/ul	94

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

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