Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059368.D
Acq On : 8 Oct 2023 9:09
Operator : MA/JU
Sample : 04624-03MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBJR1MS

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

Quant Time: Oct 09 01:17:35 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	43479	20.000	ng/ul	0.00
20) Naphthalene-d8	11.069	136	203926	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.865	164	134906	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.615	188	310215	20.000	ng/ul	0.00
79) Chrysene-d12	21.916	240	275890	20.000	ng/ul	0.00
88) Perylene-d12	25.400	264	315378	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.531	96	6069	4.977	ng/uL	0.00
4) Pyridine-d5	3.966	84	46366	13.210	ng/ul	0.00
7) Phenol-d5	7.356	99	36593	7.622	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	90069	33.193	ng/ul	0.00
11) 2-Chlorophenol-d4	7.750	132	86890	25.878	ng/ul	0.00
15) 4-Methylphenol-d8	8.925	113	59478	15.901	ng/ul	0.00
21) Nitrobenzene-d5	9.430	128	60194	34.675	ng/ul	0.00
24) 2-Nitrophenol-d4	10.147	143	60771	32.344	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.676	165	111135	32.770	ng/ul	0.00
31) 4-Chloroaniline-d4	11.216	131	170713	31.690	ng/ul	0.00
46) Dimethylphthalate-d6	14.260	166	404390	36.589	ng/ul	0.00
49) Acenaphthylene-d8	14.565	160	466528	35.470	ng/ul	0.00
54) 4-Nitrophenol-d4	15.053	143	16652	8.040	ng/ul	0.00
60) Fluorene-d10	15.852	176	375953	35.636	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.970	200	76228	37.218	ng/ul	0.00
73) Anthracene-d10	17.715	188	583392	38.337	ng/ul	0.00
81) Pyrene-d10	19.988	212	644062	38.536	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.159	264	648467	39.074	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.566	88	8746	6.719	ng/uL#	87
5) Pyridine	3.984	79	48614	13.718	ng/ul	95
6) Benzaldehyde	7.374	77	71806	36.058	ng/ul	96
8) Phenol	7.385	94	36443	7.676	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.644	93	127130	34.773	ng/ul	97
12) 2-Chlorophenol	7.779	128	94243	26.637	ng/ul	95
13) 2-Methylphenol	8.660	108	75149	21.184	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.737	45	266145	34.793	ng/ul	98
16) Acetophenone	9.072	105	194488	34.216	ng/ul	92
17) N-Nitroso-di-n-propyla...	9.031	70	94798	33.471	ng/ul#	98
18) 4-Methylphenol	8.989	108	67186	17.223	ng/ul	97
19) Hexachloroethane	9.313	117	47326	36.775	ng/ul	92
22) Nitrobenzene	9.471	77	143760	37.775	ng/ul#	94
23) Isophorone	9.977	82	295833	36.404	ng/ul	99
25) 2-Nitrophenol	10.182	139	67289	34.725	ng/ul	90
26) 2,4-Dimethylphenol	10.206	107	80976	21.183	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.458	93	185098	37.904	ng/ul	95
29) 2,4-Dichlorophenol	10.699	162	111892	32.765	ng/ul	99
30) Naphthalene	11.122	128	433466	36.752	ng/ul	98
32) 4-Chloroaniline	11.246	127	160517	31.498	ng/ul	99
33) Hexachlorobutadiene	11.351	225	77741	37.703	ng/ul	96
34) Caprolactam	12.021	113	7540m	6.080	ng/ul	
35) 4-Chloro-3-methylphenol	12.321	107	110335	30.110	ng/ul	91
36) 2-Methylnaphthalene	12.709	142	287429	36.556	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.926	142	286330	35.074	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.049	216	151995	37.825	ng/ul#	96
40) Hexachlorocyclopentadiene	13.002	237	57910	24.005	ng/ul	98
41) 2,4,6-Trichlorophenol	13.296	196	102096	37.444	ng/ul	95
42) 2,4,5-Trichlorophenol	13.367	196	110199	37.212	ng/ul	94
43) 1,1'-Biphenyl	13.702	154	425709	38.341	ng/ul	96
44) 2-Chloronaphthalene	13.754	162	314461	36.844	ng/ul	99
45) 2-Nitroaniline	13.972	65	105002	37.571	ng/ul	96
47) Dimethylphthalate	14.307	163	426113	38.362	ng/ul	98
48) 2,6-Dinitrotoluene	14.454	165	87144	38.887	ng/ul	94
50) Acenaphthylene	14.595	152	523572	37.033	ng/ul	98
51) 3-Nitroaniline	14.794	138	84503	38.509	ng/ul	97
52) Acenaphthene	14.930	153	360219	37.657	ng/ul	97
53) 2,4-Dinitrophenol	14.994	184	47838	29.719	ng/ul	95
55) 4-Nitrophenol	15.065	109	12912	9.240	ng/ul	95
56) Dibenzofuran	15.259	168	493467	37.387	ng/ul	98
57) 2,4-Dinitrotoluene	15.229	165	128061	39.020	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.470	232	106132	37.350	ng/ul#	93
59) Diethylphthalate	15.652	149	423635	38.346	ng/ul	99
61) Fluorene	15.911	166	423720	37.731	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.887	204	216561	39.026	ng/ul	97
63) 4-Nitroaniline	15.958	138	78455	39.713	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.981	198	84309	38.702	ng/ul	94
67) N-Nitrosodiphenylamine	16.111	169	344335	39.224	ng/ul	97
68) 4-Bromophenyl-phenylether	16.786	248	132459	40.211	ng/ul	96
69) Hexachlorobenzene	16.880	284	150107	39.921	ng/ul	99
70) Atrazine	17.045	200	128612	36.951	ng/ul	97
71) Pentachlorophenol	17.239	266	87551	40.063	ng/ul	90
72) Phenanthrene	17.656	178	744229	40.508	ng/ul	100
74) Anthracene	17.750	178	745400	39.892	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.660	216	153844	38.172	ng/uL	94
76) Pentachlorobenzene	15.159	250	153476	36.795	ng/uL	95
77) Carbazole	18.026	167	638402	41.054	ng/ul	98
78) Di-n-butylphthalate	18.525	149	764323	41.545	ng/ul	97
80) Fluoranthene	19.653	202	840033	40.393	ng/ul	98
82) Pyrene	20.018	202	873804	40.429	ng/ul	98
83) Butylbenzylphthalate	20.870	149	330313	41.362	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.810	252	176198	25.600	ng/ul	92
85) Benzo(a)anthracene	21.892	228	836770	39.713	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.722	149	491598	41.160	ng/ul	99
87) Chrysene	21.968	228	782037	39.514	ng/ul	97
89) Di-n-octyl phthalate	23.014	149	830095	41.714	ng/ul	100
90) Benzo(b)fluoranthene	24.272	252	868750	41.808	ng/ul	99
91) Benzo(k)fluoranthene	24.354	252	841178	39.869	ng/ul	96
93) Benzo(a)pyrene	25.235	252	807915	40.817	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.430	276	935171	41.016	ng/ul	97
95) Dibenzo(a,h)anthracene	29.507	278	769304	41.495	ng/ul	97
96) Benzo(g,h,i)perylene	30.711	276	747172	41.090	ng/ul	97

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

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