Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059339.D
Acq On : 7 Oct 2023 12:29
Operator : MA/JU
Sample : SSTD01038
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010401

Quant Time: Oct 07 14:56:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 14:54:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	42983	20.000	ng/ul	0.00
20) Naphthalene-d8	11.072	136	214499	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.861	164	152287	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.611	188	386010	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.918	240	351685	20.000	ng/ul	0.00
88) Perylene-d12	25.490	264	192	20.000	ng/ul	# 0.09
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.581	96	126	0.120	ng/uL	0.06
4) Pyridine-d5	3.962	84	29943	9.581	ng/ul	0.00
7) Phenol-d5	7.358	99	37675	8.798	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.552	67	23753	9.768	ng/ul	0.00
11) 2-Chlorophenol-d4	7.746	132	28069	9.255	ng/ul	0.00
15) 4-Methylphenol-d8	8.921	113	31886	9.715	ng/ul	0.00
21) Nitrobenzene-d5	9.427	128	15299	8.990	ng/ul	0.00
24) 2-Nitrophenol-d4	10.149	143	17481	9.264	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.678	165	29204	8.589	ng/ul	0.00
31) 4-Chloroaniline-d4	11.213	131	49553	9.553	ng/ul	0.00
46) Dimethylphthalate-d6	14.256	166	112116	9.766	ng/ul	0.00
49) Acenaphthylene-d8	14.568	160	135447	9.709	ng/ul	0.00
54) 4-Nitrophenol-d4	15.055	143	19970	9.680	ng/ul	0.00
60) Fluorene-d10	15.854	176	110040	10.131	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.966	200	20665	8.734	ng/ul	0.00
73) Anthracene-d10	17.711	188	174880	9.830	ng/ul	0.00
81) Pyrene-d10	19.991	212	191778	9.428	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.243	264	447	47.559	ng/ul	0.09
Target Compounds						Qvalue
2) 1,4-Dioxane	3.563	88	4640	3.856	ng/uL#	74
5) Pyridine	3.986	79	29499	9.556	ng/ul#	91
6) Benzaldehyde	7.376	77	21653	14.245	ng/ul#	83
8) Phenol	7.382	94	39431	9.432	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.646	93	31052	9.518	ng/ul	88
12) 2-Chlorophenol	7.781	128	29795	9.670	ng/ul	95
13) 2-Methylphenol	8.657	108	30488	9.781	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.739	45	69609	10.230	ng/ul#	96
16) Acetophenone	9.074	105	48814	9.693	ng/ul	91
17) N-Nitroso-di-n-propyla...	9.033	70	24221	9.771	ng/ul#	89
18) 4-Methylphenol	8.986	108	32030	9.408	ng/ul	94
19) Hexachloroethane	9.309	117	10406	8.342	ng/ul	95
22) Nitrobenzene	9.474	77	35106	9.537	ng/ul	95
23) Isophorone	9.979	82	76971	9.588	ng/ul#	94
25) 2-Nitrophenol	10.179	139	17538	9.026	ng/ul#	80
26) 2,4-Dimethylphenol	10.202	107	36253	9.819	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.461	93	46393	9.533	ng/ul	97
29) 2,4-Dichlorophenol	10.702	162	31592	9.583	ng/ul	97
30) Naphthalene	11.125	128	109741	9.455	ng/ul	99
32) 4-Chloroaniline	11.242	127	47116	9.476	ng/ul	97
33) Hexachlorobutadiene	11.354	225	19575	9.628	ng/ul#	89
34) Caprolactam	12.012	113	13211	11.104	ng/ul#	74
35) 4-Chloro-3-methylphenol	12.317	107	35020	9.758	ng/ul	92
36) 2-Methylnaphthalene	12.711	142	74023	9.532	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.928	142	78769	9.830	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.052	216	39230	9.026	ng/ul#	86
40) Hexachlorocyclopentadiene	13.005	237	21184	8.028	ng/ul	92
41) 2,4,6-Trichlorophenol	13.299	196	26921	9.331	ng/ul	87
42) 2,4,5-Trichlorophenol	13.369	196	29837	9.383	ng/ul	93
43) 1,1'-Biphenyl	13.698	154	115828	9.765	ng/ul	97
44) 2-Chloronaphthalene	13.751	162	85895	9.523	ng/ul	98
45) 2-Nitroaniline	13.974	65	28766	10.004	ng/ul	92
47) Dimethylphthalate	14.303	163	116116	9.995	ng/ul#	97
48) 2,6-Dinitrotoluene	14.456	165	21130	9.183	ng/ul	99
50) Acenaphthylene	14.597	152	142285	9.564	ng/ul#	96
51) 3-Nitroaniline	14.791	138	24146	10.747	ng/ul#	95
52) Acenaphthene	14.926	153	96377	9.482	ng/ul	97
53) 2,4-Dinitrophenol	14.991	184	27305	20.990	ng/ul#	91
55) 4-Nitrophenol	15.067	109	13378	9.442	ng/ul	97
56) Dibenzofuran	15.261	168	137028	9.987	ng/ul	96
57) 2,4-Dinitrotoluene	15.232	165	34118	10.039	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.472	232	27804	9.273	ng/ul#	90
59) Diethylphthalate	15.649	149	117110	10.280	ng/ul	98
61) Fluorene	15.907	166	116031	10.011	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.890	204	54649	9.282	ng/ul	91
63) 4-Nitroaniline	15.948	138	23818	12.307	ng/ul#	90
66) 4,6-Dinitro-2-methylph...	15.984	198	21918	8.687	ng/ul#	97
67) N-Nitrosodiphenylamine	16.107	169	98810	9.573	ng/ul	97
68) 4-Bromophenyl-phenylether	16.789	248	36525	9.269	ng/ul	91
69) Hexachlorobenzene	16.883	284	44184	9.925	ng/ul	99
70) Atrazine	17.041	200	39399	9.701	ng/ul	97
71) Pentachlorophenol	17.241	266	19422	7.755	ng/ul#	90
72) Phenanthrene	17.658	178	211974	9.985	ng/ul	98
74) Anthracene	17.746	178	208910	9.551	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.663	216	42219	8.632	ng/uL	93
76) Pentachlorobenzene	15.155	250	45899	9.041	ng/uL	96
77) Carbazole	18.028	167	176937	10.001	ng/ul	98
78) Di-n-butylphthalate	18.528	149	209967	9.834	ng/ul	96
80) Fluoranthene	19.650	202	239181	9.510	ng/ul	98
82) Pyrene	20.014	202	247828	9.472	ng/ul	96
83) Butylbenzylphthalate	20.866	149	91577	9.463	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.812	252	89037	10.822	ng/ul#	85
85) Benzo(a)anthracene	21.894	228	243933	9.640	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.718	149	131926	9.011	ng/ul	96
87) Chrysene	21.965	228	231569	9.773	ng/ul	97
89) Di-n-octyl phthalate	23.081	149	559	48.833	ng/ul	100
90) Benzo(b)fluoranthene	24.339	252	254058	21564.119	ng/ul	98
91) Benzo(k)fluoranthene	24.339	252	248660	20646.979	ng/ul	94
93) Benzo(a)pyrene	25.232	252	232249	20652.188	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.650	276	979	75.676	ng/ul	95
95) Dibenzo(a,h)anthracene	29.491	278	205492	19300.751	ng/ul	98
96) Benzo(g,h,i)perylene	30.813	276	661	63.716	ng/ul#	78

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

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