Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091423\
Data File : BG059060.D
Acq On : 14 Sep 2023 11:46
Operator : MA/JU
Sample : SSTD00513
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005414

Quant Time: Sep 14 15:39:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 14 15:36:44 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.301	152	74040	20.000	ng/ul	0.00
20) Naphthalene-d8	11.144	136	332927	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.928	164	243295	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.778	188	152610	20.000	ng/ul	0.10
79) Chrysene-d12	22.002	240	648219	20.000	ng/ul	0.00
88) Perylene-d12	25.557	264	987570	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.735	96	146	0.083	ng/uL	0.13
4) Pyridine-d5	4.041	84	28124	5.059	ng/ul	0.00
7) Phenol-d5	7.413	99	33980	4.450	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.619	67	20729	4.589	ng/ul	0.00
11) 2-Chlorophenol-d4	7.819	132	21794	4.012	ng/ul	0.00
15) 4-Methylphenol-d8	8.982	113	29394	4.573	ng/ul	0.00
21) Nitrobenzene-d5	9.488	128	12385	4.663	ng/ul	0.00
24) 2-Nitrophenol-d4	10.210	143	14565	4.236	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.733	165	15757	2.468	ng/ul	0.00
31) 4-Chloroaniline-d4	11.280	131	33267	3.724	ng/ul	0.00
46) Dimethylphthalate-d6	14.323	166	95493	4.412	ng/ul	0.00
49) Acenaphthylene-d8	14.634	160	99536	4.218	ng/ul	0.00
54) 4-Nitrophenol-d4	15.099	143	14623	3.707	ng/ul	0.00
60) Fluorene-d10	15.915	176	88917	4.461	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.062	200	169	0.174	ng/ul	0.04
73) Anthracene-d10	17.778	188	152610	20.471	ng/ul	0.00
81) Pyrene-d10	20.052	212	171191	4.397	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.304	264	225767	4.271	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.647	88	4651	2.143	ng/uL#	77
5) Pyridine	4.059	79	28554	4.952	ng/ul#	74
6) Benzaldehyde	7.449	77	23964	4.765	ng/ul#	83
8) Phenol	7.437	94	36509	4.453	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.713	93	28230	4.730	ng/ul	91
12) 2-Chlorophenol	7.842	128	24094	4.696	ng/ul	97
13) 2-Methylphenol	8.718	108	30538	4.738	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.824	45	10399	1.447	ng/ul#	94
16) Acetophenone	9.141	105	50958	4.722	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.100	70	26855	4.462	ng/ul#	86
18) 4-Methylphenol	9.047	108	33856	4.646	ng/ul	91
19) Hexachloroethane	9.388	117	11029	4.984	ng/ul	94
22) Nitrobenzene	9.540	77	36423	4.580	ng/ul#	81
23) Isophorone	10.046	82	84303	4.890	ng/ul	98
25) 2-Nitrophenol	10.251	139	14541	4.516	ng/ul	91
26) 2,4-Dimethylphenol	10.269	107	34195	4.444	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.527	93	39020	4.542	ng/ul#	85
29) 2,4-Dichlorophenol	10.768	162	23768	3.865	ng/ul#	81
30) Naphthalene	11.197	128	73679	3.835	ng/ul#	95
32) 4-Chloroaniline	11.309	127	32459	3.873	ng/ul	99
33) Hexachlorobutadiene	11.432	225	18184	3.868	ng/ul#	87
34) Caprolactam	12.067	113	9762	4.129	ng/ul	86
35) 4-Chloro-3-methylphenol	12.378	107	32856	4.092	ng/ul#	84
36) 2-Methylnaphthalene	12.784	142	54697	3.704	ng/ul	93

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Operator : MA/JU
Sample : SSTD00513
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005414

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.995	142	58519	3.917	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.119	216	35369	4.192	ng/ul#	91
40) Hexachlorocyclopentadiene	13.077	237	21346	3.551	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.359	196	25253	4.556	ng/ul#	91
42) 2,4,5-Trichlorophenol	13.424	196	25414	4.134	ng/ul	93
43) 1,1'-Biphenyl	13.765	154	85925	4.339	ng/ul	98
44) 2-Chloronaphthalene	13.818	162	67034	4.484	ng/ul	94
45) 2-Nitroaniline	14.035	65	20807	3.981	ng/ul	92
47) Dimethylphthalate	14.370	163	92660	4.440	ng/ul	99
48) 2,6-Dinitrotoluene	14.511	165	17885	4.296	ng/ul#	77
50) Acenaphthylene	14.658	152	114763	4.513	ng/ul#	96
51) 3-Nitroaniline	14.852	138	18329	4.417	ng/ul#	89
52) Acenaphthene	14.993	153	75694	4.480	ng/ul	94
53) 2,4-Dinitrophenol	15.052	184	6413	2.668	ng/ul#	85
55) 4-Nitrophenol	15.110	109	18875	4.103	ng/ul	89
56) Dibenzofuran	15.328	168	112522	4.480	ng/ul	95
57) 2,4-Dinitrotoluene	15.287	165	24661	3.886	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.533	232	25875	3.846	ng/ul#	96
59) Diethylphthalate	15.716	149	94960	4.457	ng/ul	99
61) Fluorene	15.974	166	96042	4.534	ng/ul#	98
62) 4-Chlorophenyl-phenyle...	15.956	204	52940	4.598	ng/ul	95
63) 4-Nitroaniline	16.003	138	16040	3.827	ng/ul	90
67) N-Nitrosodiphenylamine	16.174	169	83166	20.005	ng/ul	95
68) 4-Bromophenyl-phenylether	16.855	248	39147	20.752	ng/ul	84
69) Hexachlorobenzene	16.949	284	41039	19.791	ng/ul	94
70) Atrazine	17.108	200	39156	20.241	ng/ul	96
72) Phenanthrene	17.813	178	175152	21.028	ng/ul	93
74) Anthracene	17.813	178	175152	20.266	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.724	216	40207	18.560	ng/uL	96
76) Pentachlorobenzene	15.222	250	43845	19.516	ng/uL	94
77) Carbazole	18.089	167	142946	19.680	ng/ul	93
78) Di-n-butylphthalate	18.600	149	172919	20.685	ng/ul#	96
80) Fluoranthene	19.717	202	205576	4.533	ng/ul#	95
82) Pyrene	20.081	202	213328	4.578	ng/ul	97
83) Butylbenzylphthalate	20.945	149	73076	4.506	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.891	252	72544	4.339	ng/ul	96
85) Benzo(a)anthracene	21.985	228	215074	4.557	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.820	149	104510	4.412	ng/ul#	96
87) Chrysene	22.049	228	198902	4.479	ng/ul	99
89) Di-n-octyl phthalate	23.148	149	182625	3.395	ng/ul	100
90) Benzo(b)fluoranthene	24.405	252	269284	4.298	ng/ul	96
91) Benzo(k)fluoranthene	24.405	252	269836	4.264	ng/ul	98
93) Benzo(a)pyrene	25.387	252	253393	4.325	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.658	276	144795	1.977	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.740	278	241701	4.163	ng/ul#	90
96) Benzo(g,h,i)perylene	30.962	276	153620	2.598	ng/ul#	93

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

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