Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091423\
Data File : BG059061.D
Acq On : 14 Sep 2023 12:27
Operator : MA/JU
Sample : SSTD01014
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010415

Quant Time: Sep 14 15:08:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 14 15:06:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.301	152	61475	20.000	ng/ul	0.00
20) Naphthalene-d8	11.144	136	296638	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.928	164	242241	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.684	188	671663	20.000	ng/ul	0.00
79) Chrysene-d12	22.002	240	819978	20.000	ng/ul	0.00
88) Perylene-d12	25.557	264	945400	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.606	96	6437	4.526	ng/uL	0.00
4) Pyridine-d5	4.047	84	43646	9.562	ng/ul	0.00
7) Phenol-d5	7.414	99	55551	8.971	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.619	67	35583	9.778	ng/ul	0.00
11) 2-Chlorophenol-d4	7.813	132	40167	10.032	ng/ul	0.00
15) 4-Methylphenol-d8	8.982	113	45671	9.369	ng/ul	0.00
21) Nitrobenzene-d5	9.493	128	18661	8.500	ng/ul	0.00
24) 2-Nitrophenol-d4	10.210	143	23700	9.417	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.739	165	51790	10.024	ng/ul	0.00
31) 4-Chloroaniline-d4	11.280	131	68507	9.822	ng/ul	0.00
46) Dimethylphthalate-d6	14.323	166	187098	9.751	ng/ul	0.00
49) Acenaphthylene-d8	14.635	160	201461	9.474	ng/ul	0.00
54) 4-Nitrophenol-d4	15.099	143	29594	9.042	ng/ul	0.00
60) Fluorene-d10	15.915	176	168030	9.764	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.027	200	31711	8.996	ng/ul	0.00
73) Anthracene-d10	17.778	188	290870	9.603	ng/ul	0.00
81) Pyrene-d10	20.052	212	456394	10.234	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.304	264	458694	9.778	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.642	88	3738	2.030	ng/uL#	85
5) Pyridine	4.059	79	46973	9.704	ng/ul	89
6) Benzaldehyde	7.443	77	40568	10.559	ng/ul	93
8) Phenol	7.437	94	64834	9.760	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.713	93	43914	9.163	ng/ul#	81
12) 2-Chlorophenol	7.848	128	40080	9.787	ng/ul#	87
13) 2-Methylphenol	8.712	108	48329	9.564	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.818	45	23376	4.023	ng/ul#	92
16) Acetophenone	9.141	105	80177	9.911	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.100	70	43720	9.599	ng/ul#	98
18) 4-Methylphenol	9.047	108	53410	9.664	ng/ul	84
19) Hexachloroethane	9.388	117	17666	10.122	ng/ul	89
22) Nitrobenzene	9.540	77	61188	9.313	ng/ul#	88
23) Isophorone	10.040	82	139206	9.928	ng/ul#	97
25) 2-Nitrophenol	10.251	139	25201	10.127	ng/ul#	88
26) 2,4-Dimethylphenol	10.269	107	62802	10.218	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.533	93	69287	9.423	ng/ul#	90
29) 2,4-Dichlorophenol	10.768	162	44438	9.111	ng/ul#	90
30) Naphthalene	11.197	128	153475	9.710	ng/ul	98
32) 4-Chloroaniline	11.309	127	66601	10.137	ng/ul	95
33) Hexachlorobutadiene	11.427	225	37510	9.939	ng/ul	88
34) Caprolactam	12.079	113	18349	10.390	ng/ul	84
35) 4-Chloro-3-methylphenol	12.378	107	64159	10.623	ng/ul	94
36) 2-Methylnaphthalene	12.778	142	118798	9.936	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.995	142	119416	10.121	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	13.119	216	73978	9.324	ng/ul	98
40) Hexachlorocyclopentadiene	13.072	237	46847	7.724	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.360	196	49739	9.821	ng/ul	92
42) 2,4,5-Trichlorophenol	13.424	196	52818	9.537	ng/ul	96
43) 1,1'-Biphenyl	13.765	154	163583	8.946	ng/ul	95
44) 2-Chloronaphthalene	13.824	162	124724	8.987	ng/ul	97
45) 2-Nitroaniline	14.029	65	45544	10.315	ng/ul	99
47) Dimethylphthalate	14.370	163	177598	9.726	ng/ul#	98
48) 2,6-Dinitrotoluene	14.511	165	37695	10.813	ng/ul#	80
50) Acenaphthylene	14.658	152	213013	9.227	ng/ul	99
51) 3-Nitroaniline	14.852	138	34710	10.088	ng/ul#	96
52) Acenaphthene	14.999	153	145515	9.377	ng/ul	96
53) 2,4-Dinitrophenol	15.046	184	18626	8.033	ng/ul#	80
55) 4-Nitrophenol	15.110	109	36428	9.414	ng/ul#	81
56) Dibenzofuran	15.322	168	215149	9.513	ng/ul	97
57) 2,4-Dinitrotoluene	15.287	165	53223	10.732	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.528	232	54830	10.062	ng/ul#	97
59) Diethylphthalate	15.716	149	184044	10.130	ng/ul	97
61) Fluorene	15.974	166	186775	10.051	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.957	204	101935	10.234	ng/ul	99
63) 4-Nitroaniline	16.009	138	33532	10.266	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	16.033	198	35947	9.439	ng/ul#	90
67) N-Nitrosodiphenylamine	16.174	169	159097	8.976	ng/ul	96
68) 4-Bromophenyl-phenylether	16.855	248	71182	9.448	ng/ul	91
69) Hexachlorobenzene	16.944	284	80509	9.456	ng/ul	93
70) Atrazine	17.108	200	75917	10.656	ng/ul#	90
71) Pentachlorophenol	17.296	266	45793	8.556	ng/ul	92
72) Phenanthrene	17.725	178	317290	9.195	ng/ul	98
74) Anthracene	17.813	178	336677	9.563	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.724	216	79883	8.336	ng/uL	97
76) Pentachlorobenzene	15.216	250	83410	8.938	ng/uL	98
77) Carbazole	18.089	167	279578	9.537	ng/ul	98
78) Di-n-butylphthalate	18.600	149	330497	10.005	ng/ul	98
80) Fluoranthene	19.717	202	398718	7.676	ng/ul	98
82) Pyrene	20.081	202	541807	10.058	ng/ul	99
83) Butylbenzylphthalate	20.945	149	187177	10.836	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.891	252	195999	10.510	ng/ul	98
85) Benzo(a)anthracene	21.979	228	545620	9.792	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.820	149	269179	10.434	ng/ul	97
87) Chrysene	22.055	228	498991	9.596	ng/ul	99
89) Di-n-octyl phthalate	23.148	149	468843	10.476	ng/ul	100
90) Benzo(b)fluoranthene	24.405	252	538508	9.492	ng/ul	94
91) Benzo(k)fluoranthene	24.482	252	549484	9.536	ng/ul	94
93) Benzo(a)pyrene	25.381	252	504093	9.463	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.664	276	500663	7.465	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.746	278	492527	8.899	ng/ul	98
96) Benzo(g,h,i)perylene	30.962	276	490183	9.230	ng/ul	96

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

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