

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
 Data File : BG059432.D
 Acq On : 12 Oct 2023 12:17
 Operator : MA/JU
 Sample : SSTD00543
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005406

Quant Time: Oct 12 14:56:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 14:55:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.218	152	38197	20.000	ng/ul	0.00
20) Naphthalene-d8	11.056	136	170217	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.857	164	103615	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.607	188	251624	20.000	ng/ul	0.00
79) Chrysene-d12	21.908	240	250974	20.000	ng/ul	0.00
88) Perylene-d12	25.380	264	287886	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.518	96	2331	2.348	ng/uL	0.00
4) Pyridine-d5	3.958	84	12788	4.810	ng/ul	0.00
7) Phenol-d5	7.348	99	17068	4.853	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.536	67	11524	5.665	ng/ul	0.00
11) 2-Chlorophenol-d4	7.736	132	13449	5.390	ng/ul	0.00
15) 4-Methylphenol-d8	8.911	113	13440	4.836	ng/ul	0.00
21) Nitrobenzene-d5	9.417	128	5722	4.678	ng/ul	0.00
24) 2-Nitrophenol-d4	10.127	143	3004	2.388	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.662	165	11994	5.105	ng/ul	0.00
31) 4-Chloroaniline-d4	11.203	131	19317	5.123	ng/ul	0.00
46) Dimethylphthalate-d6	14.246	166	41180	5.682	ng/ul	0.00
49) Acenaphthylene-d8	14.558	160	49886	5.784	ng/ul	0.00
54) 4-Nitrophenol-d4	15.045	143	5853	4.535	ng/ul	0.00
60) Fluorene-d10	15.844	176	40770	5.965	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.950	200	4241	3.183	ng/ul	0.00
73) Anthracene-d10	17.701	188	56823	5.286	ng/ul	0.00
81) Pyrene-d10	19.981	212	69029	5.424	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.139	264	72574	5.647	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.553	88	3482	3.234	ng/uL#	80
5) Pyridine	3.976	79	15559	5.763	ng/ul	87
6) Benzaldehyde	7.366	77	9241	5.955	ng/ul	94
8) Phenol	7.372	94	17577	4.969	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.636	93	15688	5.785	ng/ul	92
12) 2-Chlorophenol	7.766	128	14685	5.651	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.723	45	17082	2.939	ng/ul#	89
16) Acetophenone	9.064	105	19135	4.585	ng/ul#	84
17) N-Nitroso-di-n-propyla...	9.023	70	9887	4.849	ng/ul#	86
18) 4-Methylphenol	8.976	108	13997	4.849	ng/ul	88
19) Hexachloroethane	9.299	117	5239	5.501	ng/ul#	75
22) Nitrobenzene	9.458	77	14294	5.293	ng/ul	93
23) Isophorone	9.957	82	30976	5.396	ng/ul#	92
25) 2-Nitrophenol	10.169	139	6030	4.571	ng/ul#	88
26) 2,4-Dimethylphenol	10.198	107	14152	5.211	ng/ul#	91
27) Bis(2-Chloroethoxy)met...	10.445	93	20540	5.800	ng/ul#	97
29) 2,4-Dichlorophenol	10.697	162	12187	5.100	ng/ul	92
30) Naphthalene	11.109	128	50567	5.985	ng/ul	97
32) 4-Chloroaniline	11.232	127	19040	5.394	ng/ul#	87
33) Hexachlorobutadiene	11.338	225	8664	5.851	ng/ul#	75
34) Caprolactam	12.008	113	1577	1.832	ng/ul	87
35) 4-Chloro-3-methylphenol	12.313	107	12376	4.954	ng/ul	96
36) 2-Methylnaphthalene	12.695	142	30234	5.398	ng/ul	83
37) 1-Methylnaphthalene	12.912	142	33095	5.777	ng/ul#	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	13.042	216	16441	6.136	ng/ul	95
40) Hexachlorocyclopentadiene	13.001	237	6998	4.451	ng/ul#	69
41) 2,4,6-Trichlorophenol	13.288	196	8904	5.044	ng/ul#	92
42) 2,4,5-Trichlorophenol	13.359	196	9720	5.065	ng/ul	95
43) 1,1'-Biphenyl	13.688	154	47271	6.366	ng/ul#	89
44) 2-Chloronaphthalene	13.741	162	36318	6.472	ng/ul#	86
45) 2-Nitroaniline	13.964	65	7844	4.559	ng/ul#	73
47) Dimethylphthalate	14.299	163	42122	5.751	ng/ul#	91
48) 2,6-Dinitrotoluene	14.440	165	6873	4.909	ng/ul	94
50) Acenaphthylene	14.587	152	52475	5.664	ng/ul#	90
51) 3-Nitroaniline	14.787	138	7113	4.844	ng/ul#	71
52) Acenaphthene	14.922	153	37572	5.965	ng/ul	88
55) 4-Nitrophenol	15.063	109	3642	4.143	ng/ul	78
56) Dibenzofuran	15.251	168	50387	5.814	ng/ul	89
57) 2,4-Dinitrotoluene	15.221	165	9259	4.518	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.462	232	8529	4.834	ng/ul#	93
59) Diethylphthalate	15.639	149	40902	5.678	ng/ul#	93
61) Fluorene	15.897	166	41738	5.683	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.885	204	22210	6.177	ng/ul	94
63) 4-Nitroaniline	15.944	138	6391	4.656	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.968	198	5144	3.627	ng/ul	95
67) N-Nitrosodiphenylamine	16.103	169	32407	5.295	ng/ul	94
68) 4-Bromophenyl-phenylether	16.784	248	12306	5.308	ng/ul	95
69) Hexachlorobenzene	16.872	284	14577	5.491	ng/ul	97
70) Atrazine	17.031	200	13183	5.432	ng/ul#	84
71) Pentachlorophenol	17.231	266	4695	3.202	ng/ul#	84
72) Phenanthrene	17.648	178	73468	5.664	ng/ul#	95
74) Anthracene	17.736	178	70698	5.374	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.653	216	17165	5.974	ng/uL	92
76) Pentachlorobenzene	15.145	250	15792	5.372	ng/uL#	88
77) Carbazole	18.018	167	56449	5.135	ng/ul#	96
78) Di-n-butylphthalate	18.518	149	69400	5.363	ng/ul	98
80) Fluoranthene	19.646	202	83109	5.263	ng/ul	99
82) Pyrene	20.010	202	92619	5.566	ng/ul	98
83) Butylbenzylphthalate	20.862	149	28609	4.862	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.802	252	26507	4.870	ng/ul	88
85) Benzo(a)anthracene	21.884	228	93373	5.668	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.714	149	40364	4.626	ng/ul	98
87) Chrysene	21.955	228	93537	6.089	ng/ul	97
89) Di-n-octyl phthalate	23.006	149	66912	4.561	ng/ul	100
90) Benzo(b)fluoranthene	24.264	252	91924	5.704	ng/ul	95
91) Benzo(k)fluoranthene	24.328	252	94305	5.716	ng/ul	99
93) Benzo(a)pyrene	25.216	252	88520	5.788	ng/ul	94
95) Dibenzo(a,h)anthracene	29.469	278	74299	5.256	ng/ul#	89
96) Benzo(g,h,i)perylene	30.668	276	39696	2.821	ng/ul#	89

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

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