

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101723\
 Data File : BG059464.D
 Acq On : 17 Oct 2023 18:58
 Operator : MA/JU
 Sample : SSTD00549
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005413

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/19/2023

Quant Time: Oct 18 04:13:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 18 03:51:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.190	152	23745	20.000	ng/u1	0.00
20) Naphthalene-d8	11.028	136	109018	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.830	164	95461	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.579	188	159737	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.869	240	157951	20.000	ng/u1	0.00
88) Perylene-d12	25.317	264	183415	20.000	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.478	96	1249	1.717	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.703	132	8561	4.635	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.395	128	3635	4.053	ng/u1	0.00
24) 2-Nitrophenol-d4	10.106	143	3950	4.497	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.635	165	7644	4.148	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.225	166	34271	4.243	ng/u1	0.00
49) Acenaphthylene-d8	14.530	160	45546	4.637	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.817	176	26337	3.429	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.673	188	40806	4.952	ng/u1	0.00
81) Pyrene-d10	19.953	212	47701	4.902	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.071	264	44912	4.413	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.514	88	1801m	1.969	ng/uL	
12) 2-Chlorophenol	7.738	128	8480	4.419	ng/u1#	86
17) N-Nitroso-di-n-propyla...	8.984	70	6576	4.854	ng/u1#	80
19) Hexachloroethane	9.266	117	3220	4.415	ng/u1#	77
22) Nitrobenzene	9.430	77	8777	4.370	ng/u1	98
23) Isophorone	9.930	82	19563	4.638	ng/u1#	91
25) 2-Nitrophenol	10.141	139	3988	4.120	ng/u1#	79
26) 2,4-Dimethylphenol	10.165	107	8917	4.497	ng/u1	90
27) Bis(2-Chloroethoxy)met...	10.417	93	13103	4.830	ng/u1	98
29) 2,4-Dichlorophenol	10.658	162	7839	4.402	ng/u1#	73
30) Naphthalene	11.081	128	32338	4.887	ng/u1	96
33) Hexachlorobutadiene	11.310	225	5181	4.412	ng/u1#	81
35) 4-Chloro-3-methylphenol	12.286	107	7465	4.190	ng/u1	87
36) 2-Methylnaphthalene	12.673	142	20254	4.796	ng/u1	87
37) 1-Methylnaphthalene	12.885	142	21903	5.046	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	13.014	216	10690	3.414	ng/u1#	94
41) 2,4,6-Trichlorophenol	13.255	196	5873	3.075	ng/u1#	82
42) 2,4,5-Trichlorophenol	13.332	196	6464	3.112	ng/u1#	83
43) 1,1'-Biphenyl	13.666	154	30123	3.489	ng/u1	96
44) 2-Chloronaphthalene	13.719	162	20416	3.078	ng/u1	93
45) 2-Nitroaniline	13.937	65	6022	3.441	ng/u1	86
47) Dimethylphthalate	14.272	163	37547	4.647	ng/u1	97
48) 2,6-Dinitrotoluene	14.418	165	4860	3.284	ng/u1#	77
50) Acenaphthylene	14.559	152	49120	4.751	ng/u1	98

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52) Acenaphthene	14.889	153	32953	4.629	ng/ul	94
56) Dibenzofuran	15.223	168	37079	3.831	ng/ul	98
57) 2,4-Dinitrotoluene	15.200	165	7088	3.311	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.435	232	5199	2.762	ng/ul#	85
59) Diethylphthalate	15.617	149	24486	3.125	ng/ul	94
61) Fluorene	15.870	166	27528	3.440	ng/ul#	91
62) 4-Chlorophenyl-phenyle...	15.858	204	14534	3.567	ng/ul	93
67) N-Nitrosodiphenylamine	16.075	169	21881	4.631	ng/ul	96
68) 4-Bromophenyl-phenylether	16.751	248	8539	4.903	ng/ul#	82
69) Hexachlorobenzene	16.845	284	9858	4.953	ng/ul	95
72) Phenanthrene	17.621	178	46950m	4.715	ng/ul	
74) Anthracene	17.715	178	48719	4.772	ng/ul#	91
75) 1,2,3,4-Tetrachloroben...	13.625	216	11711	5.078	ng/uL	88
76) Pentachlorobenzene	15.118	250	13885	6.178	ng/uL	93
78) Di-n-butylphthalate	18.496	149	42175	4.237	ng/ul	98
80) Fluoranthene	19.618	202	54391	4.690	ng/ul#	93
82) Pyrene	19.983	202	60370	4.847	ng/ul#	95
83) Butylbenzylphthalate	20.834	149	17508	4.172	ng/ul	89
85) Benzo(a)anthracene	21.851	228	60272	4.826	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.681	149	25904	4.235	ng/ul	98
87) Chrysene	21.916	228	58732	4.985	ng/ul	96
90) Benzo(b)fluoranthene	24.195	252	57594	4.643	ng/ul	96
91) Benzo(k)fluoranthene	24.272	252	60275	4.780	ng/ul#	93
93) Benzo(a)pyrene	25.141	252	53770	4.470	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	29.272	276	63376m	4.690	ng/ul	
95) Dibenzo(a,h)anthracene	29.366	278	54680m	4.864	ng/ul	
96) Benzo(g,h,i)perylene	30.535	276	56517m	5.118	ng/ul	

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

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