

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
 Data File : BG059606.D
 Acq On : 3 Nov 2023 19:03
 Operator : MA/JU
 Sample : SSTD00567
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005441

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/06/2023

Quant Time: Nov 04 01:22:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 01:51:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.353	152	16398	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.202	136	75845	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.986	164	60877	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.736	188	132712m	20.000	ng/ul	0.00
79) Chrysene-d12	22.072	240	122957m	20.000	ng/ul	0.00
88) Perylene-d12	25.685	264	180565m	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.641	96	1217	2.887	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.871	132	4734	3.694	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.546	128	2699m	4.988	ng/ul	0.00
24) 2-Nitrophenol-d4	10.274	143	3776m	6.670	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.803	165	5313	4.425	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.381	166	22101	4.115	ng/ul	0.00
49) Acenaphthylene-d8	14.681	160	25990	4.105	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.967	176	20944	4.459	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.836	188	34931	4.905	ng/ul	0.00
81) Pyrene-d10	20.104	212	36278m	4.301	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.415	264	49418m	4.676	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.688	88	1408	2.850	ng/uL#	80
12) 2-Chlorophenol	7.900	128	5811m	4.478	ng/ul	
17) N-Nitroso-di-n-propyla...	9.152	70	6299	6.134	ng/ul#	84
19) Hexachloroethane	9.440	117	2478	4.722	ng/ul#	62
22) Nitrobenzene	9.593	77	7102	5.690	ng/ul#	

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52) Acenaphthene	15.051	153	19537	4.097	ng/ul	88
56) Dibenzofuran	15.380	168	27726	4.466	ng/ul#	84
57) 2,4-Dinitrotoluene	15.339	165	5744	4.703	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.586	232	5378	5.186	ng/ul#	88
59) Diethylphthalate	15.768	149	23063	3.979	ng/ul#	92
61) Fluorene	16.026	166	23539	4.389	ng/ul	92
62) 4-Chlorophenyl-phenyle...	16.009	204	10764	4.525	ng/ul#	89
67) N-Nitrosodiphenylamine	16.226	169	23234m	5.176	ng/ul	
68) 4-Bromophenyl-phenylether	16.913	248	7036m	5.205	ng/ul	
69) Hexachlorobenzene	17.002	284	4990	3.295	ng/ul	88
72) Phenanthrene	17.777	178	37067	4.350	ng/ul	95
74) Anthracene	17.871	178	43035	5.008	ng/ul#	95
75) 1,2,3,4-Tetrachloroben...	13.776	216	6865	3.995	ng/uL	89
76) Pentachlorobenzene	15.268	250	7071	4.224	ng/uL#	89
78) Di-n-butylphthalate	18.653	149	39594m	4.040	ng/ul	
80) Fluoranthene	19.769	202	44543m	4.318	ng/ul	
82) Pyrene	20.133	202	44396	4.148	ng/ul#	93
83) Butylbenzylphthalate	20.997	149	16612	3.551	ng/ul	93
85) Benzo(a)anthracene	22.043	228	46856	4.621	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.890	149	26954m	3.892	ng/ul	
87) Chrysene	22.119	228	41713	4.474	ng/ul	93
90) Benzo(b)fluoranthene	24.505	252	60269m	4.784	ng/ul	
91) Benzo(k)fluoranthene	24.593	252	61976m	4.871	ng/ul	
93) Benzo(a)pyrene	25.503	252	57216m	4.643	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.863	276	75540m	4.872	ng/ul	
95) Dibenzo(a,h)anthracene	29.933	278	62336m	4.837	ng/ul	
96) Benzo(g,h,i)perylene	31.161	276	60598m	4.760	ng/ul	

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

