

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
 Data File : BG062439.D
 Acq On : 16 Aug 2024 10:41
 Operator : MA/JU
 Sample : P3287-09RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 XB508RE

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

Quant Time: Aug 16 11:22:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 15:31:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	48088	20.000	ng/u1	0.00
20) Naphthalene-d8	10.749	136	237752	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.579	164	180595	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.316	188	395276	20.000	ng/u1	0.00
79) Chrysene-d12	21.564	240	390148	20.000	ng/u1	0.00
88) Perylene-d12	24.648	264	444767	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.418	96	6485	5.120	ng/uL	0.00
4) Pyridine-d5	3.823	84	106461	27.584	ng/u1	0.00
7) Phenol-d5	7.113	99	137879	28.822	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.283	67	79705	26.450	ng/u1	0.00
11) 2-Chlorophenol-d4	7.489	132	99726	30.517	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	114200	28.479	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	51905	34.043	ng/u1	0.00
24) 2-Nitrophenol-d4	9.832	143	58071	38.287	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.367	165	113711	29.435	ng/u1	0.00
31) 4-Chloroaniline-d4	10.878	131	165222	26.969	ng/u1	0.00
46) Dimethylphthalate-d6	13.986	166	423619	30.156	ng/u1	0.00
49) Acenaphthylene-d8	14.268	160	462827	29.756	ng/u1	0.00
54) 4-Nitrophenol-d4	14.761	143	67907	30.303	ng/u1	0.00
60) Fluorene-d10	15.566	176	387394	30.576	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.678	200	61352	34.161	ng/u1	0.00
73) Anthracene-d10	17.416	188	608941	32.069	ng/u1	0.00
81) Pyrene-d10	19.701	212	759501	33.240	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.442	264	781869	33.125	ng/u1	0.00
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.377	93	64601	17.392	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.487	45	731791	95.450	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.757	70	137896	39.782	ng/u1	99
19) Hexachloroethane	9.039	117	81219	60.388	ng/u1	93
22) Nitrobenzene	9.151	77	251217	58.331	ng/u1	98
23) Isophorone	9.680	82	913696	89.833	ng/u1	99
33) Hexachlorobutadiene	11.090	225	129043	42.792	ng/u1	97
36) 2-Methylnaphthalene	12.405	142	363792	37.359	ng/u1	99
44) 2-Chloronaphthalene	13.457	162	556268	52.542	ng/u1	99
47) Dimethylphthalate	14.039	163	1772987	124.490	ng/u1	100
48) 2,6-Dinitrotoluene	14.156	165	268500	132.002	ng/u1#	88
57) 2,4-Dinitrotoluene	14.931	165	53084	17.144	ng/u1	97
59) Diethylphthalate	15.396	149	1056828	74.356	ng/u1	98
61) Fluorene	15.625	166	563452	40.775	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.625	204	785172	110.572	ng/u1	98
72) Phenanthrene	17.358	178	917047	41.288	ng/u1	99
74) Anthracene	17.452	178	404590	17.782	ng/u1	99
78) Di-n-butylphthalate	18.286	149	2504142	109.526	ng/u1#	97
80) Fluoranthene	19.367	202	1555740	60.947	ng/u1	98
82) Pyrene	19.725	202	451799	16.422	ng/u1	99
83) Butylbenzylphthalate	20.624	149	969421	104.606	ng/u1	97
85) Benzo(a)anthracene	21.540	228	1319445	46.594	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.470	149	813662	60.094	ng/u1	98
87) Chrysene	21.605	228	1352896	50.394	ng/u1	97

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89) Di-n-octyl phthalate	22.645	149	2951264	124.419	ng/ul	100
90) Benzo(b)fluoranthene	23.678	252	1196337	44.526	ng/ul	99
91) Benzo(k)fluoranthene	23.737	252	464668	17.134	ng/ul	99
93) Benzo(a)pyrene	24.501	252	210041	8.292	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.137	276	971629m	30.180	ng/ul	
95) Dibenzo(a,h)anthracene	28.208	278	1261237	48.332	ng/ul	100
96) Benzo(g,h,i)perylene	29.230	276	734857	29.680	ng/ul	98

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

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