

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042424\
 Data File : BP020114.D
 Acq On : 24 Apr 2024 11:19
 Operator : MA/JU
 Sample : SSTD00501
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005623

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 15:00:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 24 13:42:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	111342	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.398	136	436294	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	312827	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.163	188	706875	20.000	ng/u1	0.00
79) Chrysene-d12	21.674	240	741668	20.000	ng/u1	0.01
88) Perylene-d12	25.068	264	830591	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	4907	1.971	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	7.152	132	31258	4.633	ng/u1	-0.02
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	8.781	128	15416	4.701	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	15088	4.002	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	31393	4.514	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.722	166	105975	4.810	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	115898	4.502	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.333	176	94103	4.992	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.269	188	154914	4.961	ng/u1	0.01
81) Pyrene-d10	19.680	212	192163	4.636	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.845	264	194907	4.821	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	5678	1.996	ng/uL	93
12) 2-Chlorophenol	7.187	128	32565	4.634	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.422	70	29563	4.405	ng/u1	100
19) Hexachloroethane	8.669	117	16060	4.719	ng/u1	87
22) Nitrobenzene	8.816	77	45096	4.498	ng/u1	94
23) Isophorone	9.340	82	79575	4.412	ng/u1	99
25) 2-Nitrophenol	9.528	139	16249	4.129	ng/u1	95
26) 2,4-Dimethylphenol	9.587	107	35485	4.170	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.828	93	48435	4.704	ng/u1	95
29) 2,4-Dichlorophenol	10.069	162	32485	4.755	ng/u1	97
30) Naphthalene	10.445	128	110486	4.876	ng/u1	99
33) Hexachlorobutadiene	10.710	225	30219	5.238	ng/u1	98
35) 4-Chloro-3-methylphenol	11.722	107	36247	4.694	ng/u1	97
36) 2-Methylnaphthalene	12.087	142	72721	4.878	ng/u1	92
37) 1-Methylnaphthalene	12.304	142	74539	5.032	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.451	216	52278	4.749	ng/u1	96
41) 2,4,6-Trichlorophenol	12.716	196	29957	4.555	ng/u1	90
42) 2,4,5-Trichlorophenol	12.804	196	32269	4.712	ng/u1	98
43) 1,1'-Biphenyl	13.122	154	105790	4.644	ng/u1	97
44) 2-Chloronaphthalene	13.163	162	85948	4.675	ng/u1	99
45) 2-Nitroaniline	13.398	65	24973	4.091	ng/u1	94
47) Dimethylphthalate	13.775	163	109866	4.879	ng/u1	98
48) 2,6-Dinitrotoluene	13.904	165	20404	4.539	ng/u1	97
50) Acenaphthylene	14.022	152	133281	4.639	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.375	153	88536	4.707	ng/ul	96
56) Dibenzofuran	14.728	168	128456	4.927	ng/ul	94
57) 2,4-Dinitrotoluene	14.728	165	29907	4.725	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	14.969	232	30280	4.993	ng/ul	92
59) Diethylphthalate	15.175	149	110425	5.010	ng/ul	99
61) Fluorene	15.392	166	107283	5.013	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.398	204	62399	5.342	ng/ul	97
67) N-Nitrosodiphenylamine	15.628	169	89080	4.798	ng/ul	97
68) 4-Bromophenyl-phenylether	16.328	248	39219	5.110	ng/ul	98
69) Hexachlorobenzene	16.422	284	18077m	2.075	ng/ul	
72) Phenanthrene	17.204	178	174325	4.820	ng/ul	98
74) Anthracene	17.298	178	183136	4.987	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.075	216	50219	4.384	ng/uL	98
76) Pentachlorobenzene	14.634	250	53078	5.039	ng/uL	97
78) Di-n-butylphthalate	18.204	149	199175	5.116	ng/ul	99
80) Fluoranthene	19.327	202	219865	4.547	ng/ul	98
82) Pyrene	19.710	202	233874	4.656	ng/ul	98
83) Butylbenzylphthalate	20.686	149	90422	4.454	ng/ul	98
85) Benzo(a)anthracene	21.651	228	244814	4.766	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.604	149	133759	4.512	ng/ul#	98
87) Chrysene	21.721	228	231084	4.884	ng/ul	99
90) Benzo(b)fluoranthene	23.998	252	234895	4.715	ng/ul	97
91) Benzo(k)fluoranthene	24.068	252	239295	4.833	ng/ul	99
93) Benzo(a)pyrene	24.921	252	225478	4.787	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.939	276	272386m	4.818	ng/ul	
95) Dibenzo(a,h)anthracene	29.033	278	226554m	4.879	ng/ul	
96) Benzo(g,h,i)perylene	30.121	276	214833	4.762	ng/ul	98

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

