

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042424\
 Data File : BP020117.D
 Acq On : 24 Apr 2024 13:29
 Operator : MA/JU
 Sample : SSTD04004
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD040626

Manual Integrations
 APPROVED

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

Quant Time: Apr 24 15:05:03 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	7.628	152	90597	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	353003	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	230753	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.151	188	497957	20.000	ng/u1	0.00
79) Chrysene-d12	21.663	240	548224	20.000	ng/u1	0.00
88) Perylene-d12	25.068	264	663366	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	34760	17.157	ng/uL	0.00
4) Pyridine-d5	3.622	84	260771	43.414	ng/u1	0.00
7) Phenol-d5	6.816	99	314191	41.293	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	201663	40.585	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	222508	40.534	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	241011	41.207	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	111831	42.150	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	129616	42.491	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	237405	42.187	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	298456	42.644	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	650230	40.013	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	777067	40.918	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	107918	45.091	ng/u1	-0.01
60) Fluorene-d10	15.334	176	573169	41.217	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	130455	50.480	ng/u1	0.00
73) Anthracene-d10	17.263	188	889536	40.436	ng/u1	0.00
81) Pyrene-d10	19.663	212	1162302	37.935	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.833	264	1274854	39.483	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	39912	17.240	ng/uL	97
5) Pyridine	3.646	79	269941	44.005	ng/u1	94
6) Benzaldehyde	6.799	77	196892	45.412	ng/u1	95
8) Phenol	6.846	94	324498	40.769	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.075	93	256154	40.373	ng/u1	98
12) 2-Chlorophenol	7.205	128	233119	40.771	ng/u1	96
13) 2-Methylphenol	8.075	108	237130	41.117	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.158	45	349801	39.669	ng/u1	99
16) Acetophenone	8.457	105	392177	40.770	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.440	70	220093	40.305	ng/u1#	98
18) 4-Methylphenol	8.405	108	251582	40.941	ng/u1	95
19) Hexachloroethane	8.681	117	110894	40.043	ng/u1	99
22) Nitrobenzene	8.834	77	338026	41.675	ng/u1	97
23) Isophorone	9.357	82	595411	40.803	ng/u1	98
25) 2-Nitrophenol	9.534	139	135920	42.692	ng/u1	99
26) 2,4-Dimethylphenol	9.593	107	279107	40.537	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.834	93	327519	39.313	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	227535	41.166	ng/u1	96
30) Naphthalene	10.457	128	734011	40.040	ng/u1	99
32) 4-Chloroaniline	10.581	127	295808	43.068	ng/u1	94
33) Hexachlorobutadiene	10.716	225	180511	38.668	ng/u1	94
34) Caprolactam	11.393	113	77796m	48.619	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	269684	43.165	ng/u1	98
36) 2-Methylnaphthalene	12.081	142	496861	41.193	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	493782	41.199	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.451	216	316257	38.944	ng/ul	99
40) Hexachlorocyclopentadiene	12.416	237	166366	50.787	ng/ul	98
41) 2,4,6-Trichlorophenol	12.710	196	195044	40.207	ng/ul	99
42) 2,4,5-Trichlorophenol	12.793	196	210029	41.577	ng/ul	97
43) 1,1'-Biphenyl	13.116	154	657550	39.135	ng/ul	100
44) 2-Chloronaphthalene	13.157	162	525210	38.728	ng/ul	99
45) 2-Nitroaniline	13.393	65	194739	43.252	ng/ul	98
47) Dimethylphthalate	13.769	163	669135	40.281	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	144341	43.532	ng/ul	100
50) Acenaphthylene	14.022	152	855752	40.380	ng/ul	99
51) 3-Nitroaniline	14.240	138	132733	41.208	ng/ul	92
52) Acenaphthene	14.375	153	558817	40.273	ng/ul	98
53) 2,4-Dinitrophenol	14.469	184	86680	55.528	ng/ul	95
55) 4-Nitrophenol	14.569	109	116205	46.194	ng/ul	97
56) Dibenzofuran	14.722	168	790793	41.117	ng/ul	99
57) 2,4-Dinitrotoluene	14.716	165	207840	44.511	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.957	232	189229	42.299	ng/ul	99
59) Diethylphthalate	15.169	149	663454	40.810	ng/ul	100
61) Fluorene	15.392	166	644359	40.816	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.392	204	345045	40.049	ng/ul	97
63) 4-Nitroaniline	15.439	138	119673	40.044	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.498	198	139620	51.225	ng/ul#	98
67) N-Nitrosodiphenylamine	15.622	169	537829	41.125	ng/ul	100
68) 4-Bromophenyl-phenylether	16.322	248	216820	40.105	ng/ul	96
69) Hexachlorobenzene	16.422	284	252032	41.071	ng/ul	100
70) Atrazine	16.622	200	209972	41.367	ng/ul	99
71) Pentachlorophenol	16.792	266	155980	41.063	ng/ul	99
72) Phenanthrene	17.198	178	1040270	40.830	ng/ul	99
74) Anthracene	17.304	178	1063801	41.121	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	307882	38.151	ng/uL	99
76) Pentachlorobenzene	14.634	250	297363	40.073	ng/uL	98
77) Carbazole	17.598	167	946059	41.511	ng/ul	100
78) Di-n-butylphthalate	18.198	149	1131249	41.247	ng/ul	99
80) Fluoranthene	19.316	202	1339141	37.465	ng/ul	99
82) Pyrene	19.704	202	1402147	37.765	ng/ul	97
83) Butylbenzylphthalate	20.674	149	577560	38.489	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.574	252	532026	49.969	ng/ul	98
85) Benzo(a)anthracene	21.645	228	1533763	40.392	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.598	149	854252	38.980	ng/ul	97
87) Chrysene	21.710	228	1434925	41.024	ng/ul	98
89) Di-n-octyl phthalate	22.904	149	1532206	37.334	ng/ul	100
90) Benzo(b)fluoranthene	23.986	252	1549376	38.943	ng/ul	99
91) Benzo(k)fluoranthene	24.063	252	1578107	39.910	ng/ul	100
93) Benzo(a)pyrene	24.910	252	1504059	39.977	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.921	276	1822054m	40.357	ng/ul	
95) Dibenzo(a,h)anthracene	29.003	278	1518703	40.953	ng/ul	98
96) Benzo(g,h,i)perylene	30.121	276	1479686m	41.066	ng/ul	

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

