

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042424\
 Data File : BP020118.D
 Acq On : 24 Apr 2024 14:14
 Operator : MA/JU
 Sample : SSTD08005
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD080627

Manual Integrations
 APPROVED

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

Quant Time: Apr 24 15:23:19 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	95077	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	373679	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	248228	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	590866	20.000	ng/u1	0.01
79) Chrysene-d12	21.674	240	631563	20.000	ng/u1	0.01
88) Perylene-d12	25.074	264	708088	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	71101	33.441	ng/uL	0.00
4) Pyridine-d5	3.622	84	545626	86.558	ng/u1	0.00
7) Phenol-d5	6.816	99	656348	82.198	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	410942	78.805	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	457380	79.394	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	495693	80.758	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	233834	83.258	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	274016	84.858	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	495414	83.165	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	634261	85.610	ng/u1	0.00
46) Dimethylphthalate-d6	13.734	166	1445091	82.666	ng/u1	0.01
49) Acenaphthylene-d8	14.010	160	1629982	79.788	ng/u1	0.01
54) 4-Nitrophenol-d4	14.581	143	264772	102.841	ng/u1	0.01
60) Fluorene-d10	15.351	176	1251922	83.688	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.498	200	320556	104.536	ng/u1	0.00
73) Anthracene-d10	17.275	188	2101164	80.494	ng/u1	0.02
81) Pyrene-d10	19.675	212	2734121	77.461	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.839	264	2874619	83.406	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	81736	33.642	ng/uL	95
5) Pyridine	3.646	79	557900	86.661	ng/u1	95
6) Benzaldehyde	6.799	77	335786	73.797	ng/u1	99
8) Phenol	6.846	94	678339	81.210	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.081	93	521428	78.311	ng/u1	98
12) 2-Chlorophenol	7.205	128	481248	80.202	ng/u1	99
13) 2-Methylphenol	8.081	108	485225	80.170	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.158	45	722114	78.033	ng/u1	99
16) Acetophenone	8.463	105	801474	79.394	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.452	70	451898	78.856	ng/u1#	99
18) 4-Methylphenol	8.410	108	517876	80.305	ng/u1	100
19) Hexachloroethane	8.687	117	228195	78.517	ng/u1	98
22) Nitrobenzene	8.834	77	699289	81.445	ng/u1	98
23) Isophorone	9.363	82	1250015	80.922	ng/u1	99
25) 2-Nitrophenol	9.534	139	281488	83.523	ng/u1	97
26) 2,4-Dimethylphenol	9.593	107	587558	80.614	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.834	93	693195	78.603	ng/u1	98
29) 2,4-Dichlorophenol	10.063	162	480593	82.139	ng/u1	98
30) Naphthalene	10.457	128	1514511	78.044	ng/u1	98
32) 4-Chloroaniline	10.587	127	629421	86.570	ng/u1	96
33) Hexachlorobutadiene	10.722	225	378674	76.630	ng/u1	97
34) Caprolactam	11.410	113	165768m	97.866	ng/u1	
35) 4-Chloro-3-methylphenol	11.728	107	568172	85.909	ng/u1	99
36) 2-Methylnaphthalene	12.081	142	1031394	80.779	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.316	142	1032917	81.414	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.457	216	662183	75.801	ng/ul	99
40) Hexachlorocyclopentadiene	12.416	237	383687	108.884	ng/ul	100
41) 2,4,6-Trichlorophenol	12.716	196	422769	81.015	ng/ul	99
42) 2,4,5-Trichlorophenol	12.798	196	459737	84.602	ng/ul	98
43) 1,1'-Biphenyl	13.128	154	1361121	75.305	ng/ul	98
44) 2-Chloronaphthalene	13.169	162	1122535	76.946	ng/ul	99
45) 2-Nitroaniline	13.404	65	433103	89.422	ng/ul	98
47) Dimethylphthalate	13.781	163	1458828	81.638	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	313832	87.985	ng/ul	100
50) Acenaphthylene	14.040	152	1803914	79.127	ng/ul	99
51) 3-Nitroaniline	14.257	138	283001	81.674	ng/ul	94
52) Acenaphthene	14.392	153	1183540	79.291	ng/ul	97
53) 2,4-Dinitrophenol	14.475	184	216205	128.751	ng/ul	94
55) 4-Nitrophenol	14.598	109	282699	104.468	ng/ul	99
56) Dibenzofuran	14.740	168	1644196	79.470	ng/ul	98
57) 2,4-Dinitrotoluene	14.734	165	470842	93.737	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.975	232	423704	88.045	ng/ul#	98
59) Diethylphthalate	15.192	149	1507751	86.214	ng/ul	100
61) Fluorene	15.410	166	1393305	82.044	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	754922	81.455	ng/ul	99
63) 4-Nitroaniline	15.463	138	269447	83.813	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.516	198	335118	103.618	ng/ul#	98
67) N-Nitrosodiphenylamine	15.634	169	1196219	77.085	ng/ul	99
68) 4-Bromophenyl-phenylether	16.334	248	499255	77.827	ng/ul	99
69) Hexachlorobenzene	16.434	284	569085	78.156	ng/ul	97
70) Atrazine	16.645	200	498008	82.686	ng/ul	100
71) Pentachlorophenol	16.804	266	394495	87.524	ng/ul	97
72) Phenanthrene	17.210	178	2333993	77.203	ng/ul	99
74) Anthracene	17.316	178	2466005	80.334	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	660891	69.017	ng/ul	100
76) Pentachlorobenzene	14.645	250	642956	73.022	ng/ul	99
77) Carbazole	17.604	167	2251530	83.257	ng/ul	100
78) Di-n-butylphthalate	18.204	149	2828333	86.910	ng/ul	100
80) Fluoranthene	19.322	202	3173780	77.075	ng/ul	100
82) Pyrene	19.710	202	3290839	76.939	ng/ul	98
83) Butylbenzylphthalate	20.674	149	1362582	78.822	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.580	252	1200499	97.875	ng/ul	98
85) Benzo(a)anthracene	21.651	228	3560567	81.395	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.598	149	1962511	77.733	ng/ul	99
87) Chrysene	21.727	228	3286278	81.557	ng/ul	98
89) Di-n-octyl phthalate	22.910	149	3457166	78.917	ng/ul	100
90) Benzo(b)fluoranthene	23.992	252	3424314	80.633	ng/ul	99
91) Benzo(k)fluoranthene	24.068	252	3531715	83.675	ng/ul	99
93) Benzo(a)pyrene	24.921	252	3333149	82.999	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.951	276	3997238m	82.943	ng/ul	
95) Dibenzo(a,h)anthracene	29.039	278	3296350m	83.274	ng/ul	
96) Benzo(g,h,i)perylene	30.156	276	3180248	82.687	ng/ul	98

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

