

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102924\
 Data File : BP022714.D
 Acq On : 29 Oct 2024 17:28
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020687

Quant Time: Oct 29 18:09:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 29 18:08:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	45489	20.000	ng/u1	0.00
20) Naphthalene-d8	10.398	136	186580	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	172485	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	452335	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	595415	20.000	ng/u1	0.00
88) Perylene-d12	24.745	264	763228	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	8686	7.420	ng/uL	0.00
4) Pyridine-d5	3.593	84	67106	20.882	ng/u1	0.00
7) Phenol-d5	6.834	99	75761	19.785	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	45629	20.275	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	57646	21.216	ng/u1	0.00
15) 4-Methylphenol-d8	8.351	113	62182	20.349	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	29498	20.562	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	34970	21.055	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	77223	21.876	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	84649	20.294	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	262297	19.140	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	287608	19.759	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	41102	17.878	ng/u1	0.00
60) Fluorene-d10	15.263	176	249661	21.003	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	53497	17.983	ng/u1	0.00
73) Anthracene-d10	17.157	188	447333	21.022	ng/u1	0.00
81) Pyrene-d10	19.539	212	607288	19.287	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.515	264	849023	20.830	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.216	88	9154	7.273	ng/uL#	84
5) Pyridine	3.610	79	66826	20.281	ng/u1#	86
6) Benzaldehyde	6.804	77	46564	22.503	ng/u1	99
8) Phenol	6.863	94	80256	20.145	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.075	93	58502	19.621	ng/u1	93
12) 2-Chlorophenol	7.216	128	59179	21.063	ng/u1	96
13) 2-Methylphenol	8.087	108	57577	19.915	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.151	45	68705	19.827	ng/u1	99
16) Acetophenone	8.451	105	105091	20.831	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.440	70	55529	21.725	ng/u1	94
18) 4-Methylphenol	8.410	108	65825	20.523	ng/u1	95
19) Hexachloroethane	8.698	117	29751	22.737	ng/u1	98
22) Nitrobenzene	8.822	77	91149	21.285	ng/u1	96
23) Isophorone	9.345	82	152439	19.854	ng/u1	99
25) 2-Nitrophenol	9.528	139	37388	20.887	ng/u1	91
26) 2,4-Dimethylphenol	9.593	107	84553	21.732	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.816	93	84656	19.419	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	77660	22.340	ng/u1	96
30) Naphthalene	10.445	128	209896	21.121	ng/u1	97
32) 4-Chloroaniline	10.563	127	83975	20.395	ng/u1	98
33) Hexachlorobutadiene	10.722	225	68236	23.289	ng/u1	99
34) Caprolactam	11.351	113	21543	19.222	ng/u1	82
35) 4-Chloro-3-methylphenol	11.704	107	84166	22.191	ng/u1	98
36) 2-Methylnaphthalene	12.057	142	161142	22.090	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	165653	22.248	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.434	216	123028	19.290	ng/ul	98
40) Hexachlorocyclopentadiene	12.404	237	64432	16.582	ng/ul	95
41) 2,4,6-Trichlorophenol	12.681	196	80385	20.038	ng/ul	98
42) 2,4,5-Trichlorophenol	12.763	196	86625	20.279	ng/ul	96
43) 1,1'-Biphenyl	13.081	154	237556	19.107	ng/ul	96
44) 2-Chloronaphthalene	13.122	162	202081	19.856	ng/ul	98
45) 2-Nitroaniline	13.339	65	61229	20.148	ng/ul	98
47) Dimethylphthalate	13.716	163	259899	19.032	ng/ul	99
48) 2,6-Dinitrotoluene	13.839	165	51753	20.036	ng/ul	90
50) Acenaphthylene	13.981	152	301912	19.986	ng/ul	99
51) 3-Nitroaniline	14.175	138	46072	18.991	ng/ul	97
52) Acenaphthene	14.322	153	215870	20.208	ng/ul	100
53) 2,4-Dinitrophenol	14.398	184	30560	16.081	ng/ul	93
55) 4-Nitrophenol	14.504	109	57085	22.372	ng/ul#	82
56) Dibenzofuran	14.669	168	338639	21.104	ng/ul	96
57) 2,4-Dinitrotoluene	14.645	165	86931	21.659	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	14.904	232	89432	22.430	ng/ul	96
59) Diethylphthalate	15.098	149	271895	20.754	ng/ul	99
61) Fluorene	15.322	166	283420	21.678	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.316	204	162028	21.671	ng/ul	98
63) 4-Nitroaniline	15.357	138	51300m	21.015	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.422	198	56927	17.765	ng/ul	94
67) N-Nitrosodiphenylamine	15.539	169	239832	19.799	ng/ul	97
68) 4-Bromophenyl-phenylether	16.227	248	118653	21.752	ng/ul	94
69) Hexachlorobenzene	16.351	284	152287	22.681	ng/ul	95
70) Atrazine	16.516	200	107387	21.328	ng/ul	96
71) Pentachlorophenol	16.710	266	90812	21.035	ng/ul	94
72) Phenanthrene	17.098	178	509716	21.062	ng/ul	99
74) Anthracene	17.192	178	514126	21.288	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	130308	18.920	ng/uL	99
76) Pentachlorobenzene	14.586	250	159603	20.962	ng/uL	98
77) Carbazole	17.474	167	446383	20.889	ng/ul	99
78) Di-n-butylphthalate	18.057	149	490900	20.761	ng/ul	99
80) Fluoranthene	19.186	202	691604	19.106	ng/ul	97
82) Pyrene	19.563	202	749841	19.327	ng/ul	98
83) Butylbenzylphthalate	20.521	149	254240	18.822	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.398	252	277511	19.552	ng/ul	97
85) Benzo(a)anthracene	21.474	228	860604	20.618	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	383215	19.765	ng/ul	99
87) Chrysene	21.539	228	807697	20.869	ng/ul	99
89) Di-n-octyl phthalate	22.639	149	663232	18.269	ng/ul	100
90) Benzo(b)fluoranthene	23.709	252	1003530	20.888	ng/ul	99
91) Benzo(k)fluoranthene	23.780	252	951790	20.235	ng/ul	99
93) Benzo(a)pyrene	24.586	252	901378	20.386	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.439	276	1215819	20.606	ng/ul	97
95) Dibenzo(a,h)anthracene	28.509	278	989640	20.713	ng/ul#	98
96) Benzo(g,h,i)perylene	29.568	276	935631	20.386	ng/ul	98

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

