

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022627.D
 Acq On : 26 Oct 2024 02:06
 Operator : RC/JU
 Sample : P4436-17MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F40MS

Quant Time: Oct 26 02:57:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/26/2024
 Supervised By :mohammad ahmed 10/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	97645	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.410	136	372203	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	288610	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	678803	20.000	ng/u1	0.00
79) Chrysene-d12	21.515	240	713453	20.000	ng/u1	0.02
88) Perylene-d12	24.780	264	828584	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	4616m	1.837	ng/uL	-0.01
4) Pyridine-d5	3.605	84	57590	8.349	ng/u1	0.00
7) Phenol-d5	6.846	99	92352	11.236	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	53956	11.169	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.199	132	70728	12.127	ng/u1	0.00
15) 4-Methylphenol-d8	8.357	113	73917	11.269	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	35146	12.281	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	42290	12.764	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	92823	13.181	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	59685	7.173	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	287614	12.543	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	311263	12.780	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	42390	11.019	ng/u1	0.00
60) Fluorene-d10	15.275	176	262853	13.216	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.433	200	46157	10.339	ng/u1	0.02
73) Anthracene-d10	17.186	188	420985	13.184	ng/u1	0.02
81) Pyrene-d10	19.563	212	439333	11.645	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.551	264	334659	7.563	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	13371	4.949	ng/uL	90
5) Pyridine	3.622	79	65512	9.262	ng/u1	97
6) Benzaldehyde	6.810	77	15979	3.597	ng/u1	90
8) Phenol	6.875	94	140763	16.460	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.081	93	94924	14.832	ng/u1	99
12) 2-Chlorophenol	7.228	128	94164	15.613	ng/u1	96
13) 2-Methylphenol	8.099	108	90467	14.577	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.157	45	109925	14.779	ng/u1	98
16) Acetophenone	8.463	105	201589	18.615	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.440	70	82790	15.090	ng/u1	99
18) 4-Methylphenol	8.422	108	103054	14.968	ng/u1	93
19) Hexachloroethane	8.704	117	30716	10.936	ng/u1	96
22) Nitrobenzene	8.834	77	129562	15.167	ng/u1	100
23) Isophorone	9.351	82	234634	15.319	ng/u1	99
25) 2-Nitrophenol	9.534	139	59349	16.620	ng/u1	97
26) 2,4-Dimethylphenol	9.604	107	60242	7.762	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.828	93	132123	15.192	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	116632	16.818	ng/u1	99
30) Naphthalene	10.457	128	324867	16.387	ng/u1	98
32) 4-Chloroaniline	10.575	127	52301	6.367	ng/u1	98
33) Hexachlorobutadiene	10.734	225	95605	16.357	ng/u1	98
34) Caprolactam	11.357	113	32696m	14.624	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	126375	16.702	ng/u1	99
36) 2-Methylnaphthalene	12.069	142	241754	16.613	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	237684	16.002	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.445	216	169091	15.845	ng/ul	95
40) Hexachlorocyclopentadiene	12.416	237	38259	5.884	ng/ul	95
41) 2,4,6-Trichlorophenol	12.692	196	114019	16.986	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	125320	17.533	ng/ul	96
43) 1,1'-Biphenyl	13.092	154	344399	16.555	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	285717	16.778	ng/ul	99
45) 2-Nitroaniline	13.345	65	76970	15.137	ng/ul	97
47) Dimethylphthalate	13.722	163	363486	15.908	ng/ul	99
48) 2,6-Dinitrotoluene	13.851	165	74665	17.276	ng/ul	97
50) Acenaphthylene	13.992	152	409292	16.192	ng/ul	99
51) 3-Nitroaniline	14.186	138	54191	13.350	ng/ul	91
52) Acenaphthene	14.339	153	295208	16.516	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	35711	11.230	ng/ul	95
55) 4-Nitrophenol	14.522	109	65380	15.313	ng/ul	98
56) Dibenzofuran	14.681	168	446130	16.616	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	112983	16.823	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	14.910	232	113043	16.944	ng/ul	99
59) Diethylphthalate	15.116	149	359343	16.392	ng/ul	98
61) Fluorene	15.333	166	363778	16.629	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.333	204	209375	16.736	ng/ul	98
63) 4-Nitroaniline	15.369	138	66211m	16.210	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.445	198	67063	13.946	ng/ul	100
67) N-Nitrosodiphenylamine	15.551	169	307543	16.919	ng/ul	98
68) 4-Bromophenyl-phenylether	16.245	248	147036	17.962	ng/ul	94
69) Hexachlorobenzene	16.363	284	128917	12.795	ng/ul	97
70) Atrazine	16.533	200	132979	17.599	ng/ul	98
71) Pentachlorophenol	16.733	266	90805	14.016	ng/ul	98
72) Phenanthrene	17.127	178	672727	18.524	ng/ul	99
74) Anthracene	17.222	178	600181	16.560	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	163631	15.832	ng/uL	98
76) Pentachlorobenzene	14.598	250	168170	14.719	ng/uL	97
77) Carbazole	17.504	167	474780	14.805	ng/ul	99
78) Di-n-butylphthalate	18.086	149	595488	16.782	ng/ul	99
80) Fluoranthene	19.216	202	946844	21.830	ng/ul	98
82) Pyrene	19.592	202	694100	14.931	ng/ul	98
83) Butylbenzylphthalate	20.539	149	285825	17.660	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.421	252	153066	9.000	ng/ul	96
85) Benzo(a)anthracene	21.498	228	926636	18.527	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	421147	18.128	ng/ul	99
87) Chrysene	21.557	228	860556	18.556	ng/ul	100
89) Di-n-octyl phthalate	22.668	149	685822	17.401	ng/ul	100
90) Benzo(b)fluoranthene	23.745	252	963323	18.470	ng/ul	99
91) Benzo(k)fluoranthene	23.809	252	940264	18.413	ng/ul	99
93) Benzo(a)pyrene	24.621	252	387684	8.076	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.480	276	764074m	11.928	ng/ul	
95) Dibenzo(a,h)anthracene	28.556	278	907086m	17.487	ng/ul	
96) Benzo(g,h,i)perylene	29.639	276	67353m	1.352	ng/ul	

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

