

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
 Data File : BP022125.D
 Acq On : 30 Sep 2024 23:29
 Operator : RC/JU
 Sample : PB163717BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS717

Quant Time: Oct 01 02:07:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/01/2024
 Supervised By :mohammad ahmed 10/02/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	110892	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.457	136	415155	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.316	164	311871	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	747147	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	874214	20.000	ng/ul	0.00
88) Perylene-d12	24.821	264	1060235	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	14555	5.141	ng/uL	0.00
4) Pyridine-d5	3.628	84	202985	25.083	ng/ul	0.00
7) Phenol-d5	6.881	99	230299	25.388	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.040	67	138041	24.714	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	178810	27.245	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	184989	25.736	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	86283	27.768	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	101434	28.790	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.087	165	213127	27.855	ng/ul	0.00
31) 4-Chloroaniline-d4	10.593	131	223297	24.460	ng/ul	-0.01
46) Dimethylphthalate-d6	13.722	166	645714	26.784	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	702103	27.507	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	105902	25.681	ng/ul	0.00
60) Fluorene-d10	15.322	176	556777	26.109	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	123346	26.591	ng/ul	0.00
73) Anthracene-d10	17.204	188	923234	26.469	ng/ul	-0.01
81) Pyrene-d10	19.580	212	1196777	26.424	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.592	264	1530576	27.447	ng/ul	-0.02
Target Compounds						
2) 1,4-Dioxane	3.252	88	30971	10.099	ng/uL	95
5) Pyridine	3.652	79	194958	23.713	ng/ul	99
6) Benzaldehyde	6.852	77	134174	26.148	ng/ul	99
8) Phenol	6.911	94	234553	24.777	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.128	93	180701	24.940	ng/ul	98
12) 2-Chlorophenol	7.269	128	178148	26.184	ng/ul	99
13) 2-Methylphenol	8.134	108	172851	25.176	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.205	45	163071	24.262	ng/ul	99
16) Acetophenone	8.505	105	297051	24.845	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.493	70	153973	24.841	ng/ul	97
18) 4-Methylphenol	8.458	108	185686	24.801	ng/ul	98
19) Hexachloroethane	8.763	117	83617	26.034	ng/ul	96
22) Nitrobenzene	8.881	77	242560	25.532	ng/ul	97
23) Isophorone	9.405	82	430000	26.131	ng/ul	97
25) 2-Nitrophenol	9.581	139	105857	28.081	ng/ul	98
26) 2,4-Dimethylphenol	9.646	107	203293	23.806	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.869	93	241995	25.512	ng/ul	99
29) 2,4-Dichlorophenol	10.110	162	207020	27.234	ng/ul	98
30) Naphthalene	10.504	128	573454	26.252	ng/ul	99
32) 4-Chloroaniline	10.616	127	182519	20.187	ng/ul	97
33) Hexachlorobutadiene	10.793	225	176204	26.108	ng/ul	100
34) Caprolactam	11.387	113	57738	25.039	ng/ul	91
35) 4-Chloro-3-methylphenol	11.740	107	222252	27.026	ng/ul	99
36) 2-Methylnaphthalene	12.116	142	420391	25.896	ng/ul	100

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37) 1-Methylnaphthalene	12.334	142	422213	25.788	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.487	216	312951	27.065	ng/ul#	96
40) Hexachlorocyclopentadiene	12.463	237	176590	24.280	ng/ul	98
41) 2,4,6-Trichlorophenol	12.728	196	189425	27.404	ng/ul	96
42) 2,4,5-Trichlorophenol	12.804	196	209093	27.934	ng/ul	97
43) 1,1'-Biphenyl	13.134	154	589777	26.445	ng/ul	98
44) 2-Chloronaphthalene	13.175	162	475743	26.494	ng/ul	99
45) 2-Nitroaniline	13.381	65	144647	27.859	ng/ul	99
47) Dimethylphthalate	13.763	163	635588	26.249	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	128869	27.762	ng/ul	98
50) Acenaphthylene	14.034	152	710790	26.704	ng/ul	99
51) 3-Nitroaniline	14.210	138	113901	26.951	ng/ul	97
52) Acenaphthene	14.381	153	504957	26.109	ng/ul	97
53) 2,4-Dinitrophenol	14.428	184	73921	23.404	ng/ul	96
55) 4-Nitrophenol	14.534	109	120269	25.779	ng/ul	95
56) Dibenzofuran	14.722	168	738307	25.677	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	196815	27.513	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.951	232	188701	26.189	ng/ul#	97
59) Diethylphthalate	15.140	149	622592	25.980	ng/ul	99
61) Fluorene	15.381	166	616730	25.791	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.381	204	355612	25.831	ng/ul	99
63) 4-Nitroaniline	15.398	138	129934	30.208	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.457	198	136128	26.955	ng/ul#	98
67) N-Nitrosodiphenylamine	15.587	169	525796	26.719	ng/ul	100
68) 4-Bromophenyl-phenylether	16.281	248	242999	27.083	ng/ul	99
69) Hexachlorobenzene	16.404	284	299090	27.453	ng/ul	98
70) Atrazine	16.563	200	172667	19.669	ng/ul	98
71) Pentachlorophenol	16.757	266	179570	24.704	ng/ul	97
72) Phenanthrene	17.151	178	1044702	26.668	ng/ul	100
74) Anthracene	17.239	178	1038386	26.048	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.098	216	300657	26.816	ng/uL	99
76) Pentachlorobenzene	14.640	250	323056	26.202	ng/uL	98
77) Carbazole	17.522	167	935035	26.613	ng/ul	99
78) Di-n-butylphthalate	18.116	149	1043640	25.764	ng/ul	100
80) Fluoranthene	19.239	202	1358536	26.243	ng/ul	98
82) Pyrene	19.616	202	1452615	26.069	ng/ul	96
83) Butylbenzylphthalate	20.563	149	499974	25.746	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.439	252	552197	27.587	ng/ul	97
85) Benzo(a)anthracene	21.516	228	1578191	26.195	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	748827	26.282	ng/ul	100
87) Chrysene	21.580	228	1450746	25.658	ng/ul	99
89) Di-n-octyl phthalate	22.716	149	1277571	24.392	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	1750181	26.592	ng/ul	99
91) Benzo(k)fluoranthene	23.845	252	1718225	26.194	ng/ul	99
93) Benzo(a)pyrene	24.668	252	1562112	25.758	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.539	276	2119706m	26.806	ng/ul	
95) Dibenzo(a,h)anthracene	28.615	278	1700428	26.694	ng/ul#	97
96) Benzo(g,h,i)perylene	29.692	276	1654320m	26.962	ng/ul	

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

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