

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
 Data File : BP022314.D
 Acq On : 10 Oct 2024 08:03
 Operator : RC/JU
 Sample : PB163726BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS726

Quant Time: Oct 10 08:32:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 02:14:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :mohammad ahmed 10/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	118697	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	438823	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	346113	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	894197	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	978918	20.000	ng/u1	0.00
88) Perylene-d12	24.827	264	1137605	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	14084	4.611	ng/uL	0.00
4) Pyridine-d5	3.634	84	196761	23.465	ng/u1	0.00
7) Phenol-d5	6.893	99	260567	26.079	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	148564	25.298	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	195078	27.516	ng/u1	0.00
15) 4-Methylphenol-d8	8.411	113	206612	25.911	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	95884	28.418	ng/u1	0.00
24) 2-Nitrophenol-d4	9.558	143	118127	30.240	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	238539	28.731	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	258126	26.311	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	729068	26.512	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	805364	27.574	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	133634	28.967	ng/u1	0.02
60) Fluorene-d10	15.328	176	655348	27.475	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	148485	25.248	ng/u1	0.00
73) Anthracene-d10	17.210	188	1147008	27.267	ng/u1	0.00
81) Pyrene-d10	19.598	212	1525260	29.464	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.616	264	1729004	28.459	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	29752	9.059	ng/uL	99
5) Pyridine	3.658	79	196231	22.823	ng/u1	98
6) Benzaldehyde	6.858	77	140708	26.060	ng/u1	99
8) Phenol	6.922	94	262755	25.276	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.134	93	193589	24.883	ng/u1	97
12) 2-Chlorophenol	7.275	128	194251	26.496	ng/u1	96
13) 2-Methylphenol	8.146	108	189511	25.120	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.211	45	214886	23.766	ng/u1	98
16) Acetophenone	8.511	105	327545	24.882	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.499	70	165647	24.837	ng/u1	95
18) 4-Methylphenol	8.469	108	210887	25.198	ng/u1	97
19) Hexachloroethane	8.763	117	86624	25.371	ng/u1	99
22) Nitrobenzene	8.887	77	257504	25.567	ng/u1	97
23) Isophorone	9.405	82	463531	25.669	ng/u1	99
25) 2-Nitrophenol	9.587	139	116996	27.790	ng/u1	97
26) 2,4-Dimethylphenol	9.652	107	207382	22.663	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.875	93	261254	25.480	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	221749	27.122	ng/u1	98
30) Naphthalene	10.510	128	610758	26.131	ng/u1	98
32) 4-Chloroaniline	10.622	127	209303	21.613	ng/u1	99
33) Hexachlorobutadiene	10.787	225	181865	26.392	ng/u1	98
34) Caprolactam	11.404	113	70018m	26.563	ng/u1	
35) 4-Chloro-3-methylphenol	11.752	107	247015	27.691	ng/u1	99
36) 2-Methylnaphthalene	12.116	142	451502	26.316	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.340	142	447663	25.564	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.493	216	334585	26.144	ng/ul	96
40) Hexachlorocyclopentadiene	12.463	237	126319	16.201	ng/ul	99
41) 2,4,6-Trichlorophenol	12.734	196	212496	26.397	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	238452	27.819	ng/ul	98
43) 1,1'-Biphenyl	13.140	154	647631	25.960	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	533759	26.136	ng/ul	99
45) 2-Nitroaniline	13.387	65	168577	27.644	ng/ul	95
47) Dimethylphthalate	13.763	163	700826	25.576	ng/ul	100
48) 2,6-Dinitrotoluene	13.887	165	152382	29.400	ng/ul	97
50) Acenaphthylene	14.034	152	813014	26.821	ng/ul	100
51) 3-Nitroaniline	14.228	138	142660	29.306	ng/ul	97
52) Acenaphthene	14.381	153	556670	25.970	ng/ul	99
53) 2,4-Dinitrophenol	14.440	184	93076	24.408	ng/ul	97
55) 4-Nitrophenol	14.563	109	141491	27.634	ng/ul	96
56) Dibenzofuran	14.722	168	840877	26.116	ng/ul	98
57) 2,4-Dinitrotoluene	14.693	165	233349	28.973	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.963	232	219333	27.414	ng/ul	97
59) Diethylphthalate	15.151	149	681496	25.923	ng/ul	99
61) Fluorene	15.381	166	697548	26.588	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.369	204	396404	26.422	ng/ul	98
63) 4-Nitroaniline	15.398	138	159717	32.606	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.469	198	157686	24.893	ng/ul	94
67) N-Nitrosodiphenylamine	15.598	169	607811	25.383	ng/ul	100
68) 4-Bromophenyl-phenylether	16.292	248	276088	25.603	ng/ul	99
69) Hexachlorobenzene	16.404	284	353403	26.625	ng/ul	99
70) Atrazine	16.575	200	194013	19.492	ng/ul	96
71) Pentachlorophenol	16.757	266	219578	25.728	ng/ul	97
72) Phenanthrene	17.151	178	1233009	25.773	ng/ul	99
74) Anthracene	17.245	178	1255837	26.305	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	329619	24.210	ng/uL	97
76) Pentachlorobenzene	14.651	250	361598	24.025	ng/uL	99
77) Carbazole	17.528	167	1125467	26.642	ng/ul	99
78) Di-n-butylphthalate	18.116	149	1224049	26.187	ng/ul	100
80) Fluoranthene	19.245	202	1711755	28.763	ng/ul	99
82) Pyrene	19.622	202	1820745	28.545	ng/ul	99
83) Butylbenzylphthalate	20.569	149	631263	28.426	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.451	252	637139	27.304	ng/ul	98
85) Benzo(a)anthracene	21.522	228	1862512	27.140	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	851886	26.724	ng/ul	99
87) Chrysene	21.592	228	1691548	26.583	ng/ul	100
89) Di-n-octyl phthalate	22.710	149	1502195	27.761	ng/ul	100
90) Benzo(b)fluoranthene	23.798	252	1937944m	27.063	ng/ul	
91) Benzo(k)fluoranthene	23.863	252	1867779	26.641	ng/ul	100
93) Benzo(a)pyrene	24.686	252	1681241	25.510	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.574	276	2316098m	26.335	ng/ul	
95) Dibenzo(a,h)anthracene	28.645	278	1876653	26.351	ng/ul	99
96) Benzo(g,h,i)perylene	29.733	276	1802147m	26.344	ng/ul	

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

