

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
 Data File : BP022798.D
 Acq On : 01 Nov 2024 10:39
 Operator : RC/JU
 Sample : PB164548BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS548

Quant Time: Nov 01 12:37:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	91850	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.387	136	353100	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.245	164	298225	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.057	188	782060	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	901494	20.000	ng/u1	# 0.00
88) Perylene-d12	24.768	264	1027218	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	11033	4.668	ng/uL	0.00
4) Pyridine-d5	3.587	84	157142	24.218	ng/u1	0.00
7) Phenol-d5	6.822	99	204145	26.404	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.975	67	110656	24.351	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	151412	27.599	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	163805	26.548	ng/u1	0.00
21) Nitrobenzene-d5	8.775	128	74013	27.261	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	88737	28.231	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.022	165	199222	29.821	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.528	131	187357	23.734	ng/u1	-0.01
46) Dimethylphthalate-d6	13.669	166	631294	26.643	ng/u1	0.00
49) Acenaphthylene-d8	13.939	160	673205	26.750	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.487	143	98329	24.736	ng/u1	-0.02
60) Fluorene-d10	15.257	176	581476	28.293	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	131119	25.492	ng/u1	0.02
73) Anthracene-d10	17.163	188	979982	26.637	ng/u1	0.00
81) Pyrene-d10	19.539	212	1278364	26.815	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.533	264	1500852	27.358	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	23843	9.382	ng/uL	97
5) Pyridine	3.605	79	161724	24.308	ng/u1	96
6) Benzaldehyde	6.793	77	24421	5.845	ng/u1	96
8) Phenol	6.852	94	210011	26.107	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.063	93	148357	24.643	ng/u1	97
12) 2-Chlorophenol	7.205	128	155794	27.462	ng/u1	98
13) 2-Methylphenol	8.075	108	152363	26.099	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	169619	24.243	ng/u1	98
16) Acetophenone	8.446	105	260035	25.527	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.428	70	135332	26.222	ng/u1	98
18) 4-Methylphenol	8.404	108	169102	26.111	ng/u1	92
19) Hexachloroethane	8.687	117	71191	26.945	ng/u1	98
22) Nitrobenzene	8.816	77	211460	26.093	ng/u1	98
23) Isophorone	9.334	82	375361	25.833	ng/u1	98
25) 2-Nitrophenol	9.516	139	94390	27.864	ng/u1	94
26) 2,4-Dimethylphenol	9.581	107	189346	25.716	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.804	93	210223	25.480	ng/u1	100
29) 2,4-Dichlorophenol	10.046	162	192539	29.266	ng/u1	98
30) Naphthalene	10.434	128	494529	26.295	ng/u1	98
32) 4-Chloroaniline	10.557	127	113788	14.603	ng/u1	95
33) Hexachlorobutadiene	10.716	225	159971	28.851	ng/u1	99
34) Caprolactam	11.346	113	51242m	24.160	ng/u1	
35) 4-Chloro-3-methylphenol	11.693	107	205589	28.642	ng/u1	99
36) 2-Methylnaphthalene	12.045	142	385364	27.914	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	375364	26.639	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.416	216	298894	27.105	ng/ul	96
40) Hexachlorocyclopentadiene	12.393	237	113120	16.837	ng/ul	99
41) 2,4,6-Trichlorophenol	12.675	196	191181	27.563	ng/ul	97
42) 2,4,5-Trichlorophenol	12.751	196	205579	27.835	ng/ul	96
43) 1,1'-Biphenyl	13.069	154	566719	26.364	ng/ul	100
44) 2-Chloronaphthalene	13.110	162	463281	26.328	ng/ul	100
45) 2-Nitroaniline	13.340	65	136630	26.003	ng/ul	95
47) Dimethylphthalate	13.716	163	615460	26.067	ng/ul	99
48) 2,6-Dinitrotoluene	13.828	165	128802	28.841	ng/ul	99
50) Acenaphthylene	13.969	152	677590	25.943	ng/ul	100
51) 3-Nitroaniline	14.163	138	106966	25.502	ng/ul	93
52) Acenaphthene	14.310	153	492457	26.663	ng/ul	99
53) 2,4-Dinitrophenol	14.404	184	79062	24.062	ng/ul	95
55) 4-Nitrophenol	14.504	109	118563	26.874	ng/ul	89
56) Dibenzofuran	14.657	168	752065	27.108	ng/ul	99
57) 2,4-Dinitrotoluene	14.639	165	200885	28.948	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.898	232	205735	29.844	ng/ul	98
59) Diethylphthalate	15.098	149	630627	27.840	ng/ul	100
61) Fluorene	15.316	166	624537	27.628	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.310	204	364668	28.210	ng/ul	97
63) 4-Nitroaniline	15.369	138	130265m	30.863	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.434	198	139080	25.104	ng/ul	96
67) N-Nitrosodiphenylamine	15.534	169	542037	25.882	ng/ul	99
68) 4-Bromophenyl-phenylether	16.233	248	274089	29.062	ng/ul	97
69) Hexachlorobenzene	16.351	284	332885	28.676	ng/ul	95
70) Atrazine	16.522	200	252302	28.982	ng/ul	97
71) Pentachlorophenol	16.704	266	201140	26.947	ng/ul	99
72) Phenanthrene	17.104	178	1089995	26.051	ng/ul	99
74) Anthracene	17.204	178	1096211	26.254	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.040	216	301447	25.315	ng/uL	97
76) Pentachlorobenzene	14.569	250	338761	25.734	ng/uL	99
77) Carbazole	17.486	167	956571	25.891	ng/ul	99
78) Di-n-butylphthalate	18.063	149	1133137	27.718	ng/ul	100
80) Fluoranthene	19.192	202	1493060	27.243	ng/ul	98
82) Pyrene	19.569	202	1578088	26.865	ng/ul	97
83) Butylbenzylphthalate	20.527	149	551454	26.964	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.404	252	572838	26.657	ng/ul	97
85) Benzo(a)anthracene	21.480	228	1640659	25.961	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	815275	27.772	ng/ul	99
87) Chrysene	21.551	228	1504403	25.673	ng/ul	99
89) Di-n-octyl phthalate	22.657	149	1377289	28.188	ng/ul	100
90) Benzo(b)fluoranthene	23.733	252	1771546	27.398	ng/ul#	97
91) Benzo(k)fluoranthene	23.810	252	1724761	27.245	ng/ul	98
93) Benzo(a)pyrene	24.610	252	1566852	26.329	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.462	276	2071222m	26.082	ng/ul	
95) Dibenzo(a,h)anthracene	28.527	278	1641386	25.525	ng/ul#	98
96) Benzo(g,h,i)perylene	29.597	276	1595983	25.838	ng/ul	98

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

