

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
 Data File : BP022393.D
 Acq On : 15 Oct 2024 17:38
 Operator : RC/JU
 Sample : PB164091BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS091

Quant Time: Oct 16 02:27:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 14 11:01:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

10/16/2024
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	84644	20.000	ng/u1	0.00
20) Naphthalene-d8	10.457	136	323321	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	263131	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	703660	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	800273	20.000	ng/u1	0.00
88) Perylene-d12	24.827	264	946737	20.000	ng/u1	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	9972	4.578	ng/uL	0.00
4) Pyridine-d5	3.634	84	148341	24.808	ng/u1	0.00
7) Phenol-d5	6.887	99	185497	26.034	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	102604	24.501	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	137853	27.267	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	147864	26.004	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	68256	27.456	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	83132	28.884	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	171687	28.066	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	183314	25.361	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	535938	25.635	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	593027	26.707	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	99606	28.400	ng/u1	0.00
60) Fluorene-d10	15.310	176	496552	27.383	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.457	200	115964	25.058	ng/u1	0.01
73) Anthracene-d10	17.216	188	884653	26.725	ng/u1	0.01
81) Pyrene-d10	19.586	212	1161081	27.436	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.604	264	1399387	27.677	ng/u1	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.258	88	21486	9.174	ng/uL	98
5) Pyridine	3.652	79	145196	23.681	ng/u1	98
6) Benzaldehyde	6.852	77	103068	26.768	ng/u1	98
8) Phenol	6.911	94	196750	26.541	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.128	93	139931	25.222	ng/u1	99
12) 2-Chlorophenol	7.269	128	141971	27.156	ng/u1	98
13) 2-Methylphenol	8.134	108	140083	26.039	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.205	45	154869	24.019	ng/u1	98
16) Acetophenone	8.511	105	240461	25.615	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.493	70	120693	25.377	ng/u1	98
18) 4-Methylphenol	8.458	108	155342	26.028	ng/u1	99
19) Hexachloroethane	8.758	117	65167	26.765	ng/u1	98
22) Nitrobenzene	8.881	77	196419	26.469	ng/u1	100
23) Isophorone	9.399	82	335568	25.221	ng/u1	99
25) 2-Nitrophenol	9.581	139	87429	28.186	ng/u1	96
26) 2,4-Dimethylphenol	9.646	107	155099	23.005	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.869	93	185634	24.572	ng/u1	99
29) 2,4-Dichlorophenol	10.116	162	171293	28.435	ng/u1	99
30) Naphthalene	10.505	128	459746	26.697	ng/u1	98
32) 4-Chloroaniline	10.616	127	148469	20.808	ng/u1	94
33) Hexachlorobutadiene	10.787	225	137389	27.060	ng/u1	99
34) Caprolactam	11.393	113	50516m	26.011	ng/u1	
35) 4-Chloro-3-methylphenol	11.746	107	189532	28.837	ng/u1	99
36) 2-Methylnaphthalene	12.116	142	342167	27.068	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	346031	26.819	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.487	216	261794	26.907	ng/ul	96
40) Hexachlorocyclopentadiene	12.469	237	89922	15.170	ng/ul	98
41) 2,4,6-Trichlorophenol	12.740	196	164421	26.866	ng/ul	99
42) 2,4,5-Trichlorophenol	12.804	196	182945	28.074	ng/ul	98
43) 1,1'-Biphenyl	13.134	154	497695	26.241	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	420309	27.071	ng/ul	98
45) 2-Nitroaniline	13.387	65	128636	27.747	ng/ul	96
47) Dimethylphthalate	13.769	163	529383	25.412	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	115127	29.217	ng/ul	97
50) Acenaphthylene	14.028	152	623220	27.043	ng/ul	100
51) 3-Nitroaniline	14.222	138	105972	28.634	ng/ul	95
52) Acenaphthene	14.375	153	433048	26.574	ng/ul	99
53) 2,4-Dinitrophenol	14.445	184	77849	26.853	ng/ul	98
55) 4-Nitrophenol	14.545	109	120034	30.836	ng/ul	94
56) Dibenzofuran	14.710	168	681109	27.825	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	184919	30.201	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.940	232	174552	28.698	ng/ul	100
59) Diethylphthalate	15.151	149	522857	26.161	ng/ul	98
61) Fluorene	15.375	166	554026	27.777	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.363	204	309791	27.161	ng/ul	98
63) 4-Nitroaniline	15.404	138	122541	32.906	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.469	198	127878	25.653	ng/ul	96
67) N-Nitrosodiphenylamine	15.587	169	478630	25.400	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	226158	26.652	ng/ul	96
69) Hexachlorobenzene	16.398	284	290140	27.778	ng/ul	98
70) Atrazine	16.563	200	135849	17.344	ng/ul	94
71) Pentachlorophenol	16.757	266	175417	26.120	ng/ul	97
72) Phenanthrene	17.151	178	1015058	26.963	ng/ul	100
74) Anthracene	17.251	178	1010757	26.904	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	260509	24.315	ng/uL	98
76) Pentachlorobenzene	14.634	250	290547	24.531	ng/uL	98
77) Carbazole	17.528	167	919529	27.661	ng/ul	99
78) Di-n-butylphthalate	18.116	149	941379	25.593	ng/ul	100
80) Fluoranthene	19.239	202	1374718	28.256	ng/ul	99
82) Pyrene	19.622	202	1450094	27.809	ng/ul	98
83) Butylbenzylphthalate	20.569	149	493069	27.159	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.451	252	540214	28.318	ng/ul	99
85) Benzo(a)anthracene	21.533	228	1538952	27.431	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	678281	26.028	ng/ul	99
87) Chrysene	21.592	228	1403572	26.982	ng/ul	99
89) Di-n-octyl phthalate	22.710	149	1162119	25.806	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	1681348	28.214	ng/ul	99
91) Benzo(k)fluoranthene	23.863	252	1644513	28.186	ng/ul	99
93) Benzo(a)pyrene	24.674	252	1442532	26.301	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.562	276	1999377	27.317	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.627	278	1618224	27.304	ng/ul#	98
96) Benzo(g,h,i)perylene	29.733	276	1556426m	27.339	ng/ul	

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

