

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
 Data File : BP022401.D
 Acq On : 15 Oct 2024 23:04
 Operator : RC/JU
 Sample : PB164092BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS092

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/22/2024

Quant Time: Oct 16 02:54:09 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	75199	20.000	ng/u1	0.00
20) Naphthalene-d8	10.451	136	287876	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	238416	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	623453	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	775201	20.000	ng/u1	0.00
88) Perylene-d12	24.839	264	922916	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	8977	4.639	ng/uL	0.00
4) Pyridine-d5	3.628	84	135505	25.507	ng/u1	0.00
7) Phenol-d5	6.887	99	170108	26.873	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	94304	25.348	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	126450	28.153	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	134589	26.642	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	62169	28.087	ng/u1	0.00
24) 2-Nitrophenol-d4	9.546	143	75478	29.453	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	157004	28.826	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	164567	25.571	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	493467	26.051	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	549613	27.318	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	90081	28.346	ng/u1	-0.01
60) Fluorene-d10	15.304	176	455462	27.721	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.439	200	109027	26.590	ng/u1	0.00
73) Anthracene-d10	17.210	188	824712	28.120	ng/u1	0.00
81) Pyrene-d10	19.586	212	1106823	27.000	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.604	264	1430613	29.025	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	19758	9.496	ng/uL	96
5) Pyridine	3.652	79	134508	24.694	ng/u1	97
6) Benzaldehyde	6.852	77	93986	27.475	ng/u1	97
8) Phenol	6.910	94	177333	26.926	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.128	93	129843	26.343	ng/u1	99
12) 2-Chlorophenol	7.269	128	130881	28.179	ng/u1	99
13) 2-Methylphenol	8.134	108	127125	26.598	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.204	45	146807	25.628	ng/u1	99
16) Acetophenone	8.504	105	223729	26.826	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.487	70	113370	26.831	ng/u1	98
18) 4-Methylphenol	8.457	108	142235	26.826	ng/u1	92
19) Hexachloroethane	8.757	117	60694	28.059	ng/u1	99
22) Nitrobenzene	8.875	77	180657	27.343	ng/u1	99
23) Isophorone	9.399	82	310840	26.239	ng/u1	97
25) 2-Nitrophenol	9.581	139	80152	29.021	ng/u1	97
26) 2,4-Dimethylphenol	9.640	107	140361	23.382	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.869	93	175238	26.052	ng/u1	96
29) 2,4-Dichlorophenol	10.110	162	157129	29.295	ng/u1	98
30) Naphthalene	10.498	128	427632	27.889	ng/u1	99
32) 4-Chloroaniline	10.610	127	137252	21.605	ng/u1	96
33) Hexachlorobutadiene	10.781	225	129759	28.704	ng/u1	99
34) Caprolactam	11.393	113	43877m	25.374	ng/u1	
35) 4-Chloro-3-methylphenol	11.740	107	170569	29.147	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	320589	28.484	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	319139	27.780	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.481	216	243037	27.569	ng/ul	94
40) Hexachlorocyclopentadiene	12.457	237	91731	17.079	ng/ul	99
41) 2,4,6-Trichlorophenol	12.728	196	149616	26.981	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	168213	28.489	ng/ul	98
43) 1,1'-Biphenyl	13.128	154	464819	27.048	ng/ul	99
44) 2-Chloronaphthalene	13.169	162	384033	27.299	ng/ul	96
45) 2-Nitroaniline	13.375	65	118524	28.216	ng/ul	99
47) Dimethylphthalate	13.757	163	496845	26.322	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	104332	29.223	ng/ul	99
50) Acenaphthylene	14.022	152	577094	27.638	ng/ul	99
51) 3-Nitroaniline	14.210	138	94222	28.099	ng/ul	99
52) Acenaphthene	14.369	153	401012	27.159	ng/ul	99
53) 2,4-Dinitrophenol	14.428	184	72108	27.451	ng/ul	99
55) 4-Nitrophenol	14.539	109	111284	31.552	ng/ul	91
56) Dibenzofuran	14.704	168	613601	27.665	ng/ul	99
57) 2,4-Dinitrotoluene	14.675	165	164386	29.630	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.939	232	158225	28.710	ng/ul	99
59) Diethylphthalate	15.139	149	495544	27.365	ng/ul	99
61) Fluorene	15.363	166	513330	28.405	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.357	204	288875	27.953	ng/ul	98
63) 4-Nitroaniline	15.392	138	109433	32.432	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.457	198	118689	26.873	ng/ul	99
67) N-Nitrosodiphenylamine	15.575	169	451442	27.040	ng/ul	99
68) 4-Bromophenyl-phenylether	16.263	248	213391	28.383	ng/ul	95
69) Hexachlorobenzene	16.386	284	268149	28.976	ng/ul	98
70) Atrazine	16.551	200	127232	18.333	ng/ul	96
71) Pentachlorophenol	16.751	266	160603	26.990	ng/ul	94
72) Phenanthrene	17.151	178	925421	27.744	ng/ul	99
74) Anthracene	17.239	178	937916	28.177	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.092	216	240076	25.290	ng/uL	96
76) Pentachlorobenzene	14.628	250	270676	25.793	ng/uL	98
77) Carbazole	17.528	167	835439	28.365	ng/ul	98
78) Di-n-butylphthalate	18.116	149	906726	27.823	ng/ul	100
80) Fluoranthene	19.239	202	1300260	27.590	ng/ul	98
82) Pyrene	19.616	202	1378228	27.286	ng/ul	98
83) Butylbenzylphthalate	20.563	149	479634	27.273	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	536319	29.023	ng/ul	100
85) Benzo(a)anthracene	21.527	228	1490911	27.434	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	664005	26.305	ng/ul	100
87) Chrysene	21.586	228	1403562	27.854	ng/ul	100
89) Di-n-octyl phthalate	22.704	149	1192185	27.157	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	1664224m	28.647	ng/ul	
91) Benzo(k)fluoranthene	23.857	252	1624207	28.556	ng/ul	99
93) Benzo(a)pyrene	24.674	252	1464015	27.382	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.545	276	1997167m	27.991	ng/ul	
95) Dibenzo(a,h)anthracene	28.615	278	1595456	27.614	ng/ul	99
96) Benzo(g,h,i)perylene	29.727	276	1543637	27.815	ng/ul	99

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

