

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
 Data File : BP022373.D
 Acq On : 15 Oct 2024 02:54
 Operator : RC/JU
 Sample : PB163924BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS924

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 06:08:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	117352	20.000	ng/u1	0.00
20) Naphthalene-d8	10.458	136	456333	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	365153	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	934507	20.000	ng/u1	0.01
79) Chrysene-d12	21.533	240	997523	20.000	ng/u1	-0.02
88) Perylene-d12	24.821	264	1160333	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	12489	4.136	ng/uL	0.00
4) Pyridine-d5	3.634	84	175546	21.175	ng/u1	0.00
7) Phenol-d5	6.887	99	242270	24.525	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	132775	22.869	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	180981	25.820	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	195602	24.812	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	90940	25.918	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	108553	26.723	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	226115	26.190	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	244958	24.011	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	697281	24.034	ng/u1	0.01
49) Acenaphthylene-d8	13.998	160	778760	25.273	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	126685	26.029	ng/u1	0.00
60) Fluorene-d10	15.322	176	640738	25.462	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	147509	24.000	ng/u1	0.00
73) Anthracene-d10	17.210	188	1106933	25.180	ng/u1	0.00
81) Pyrene-d10	19.586	212	1395749	26.459	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.604	264	1621137	26.161	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	27480	8.463	ng/uL	99
5) Pyridine	3.652	79	176428	20.755	ng/u1	97
6) Benzaldehyde	6.858	77	136677	25.603	ng/u1	98
8) Phenol	6.911	94	251935	24.513	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.128	93	184898	24.038	ng/u1	98
12) 2-Chlorophenol	7.269	128	187937	25.929	ng/u1	98
13) 2-Methylphenol	8.140	108	184568	24.746	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.211	45	204897	22.921	ng/u1	97
16) Acetophenone	8.505	105	316487	24.317	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.493	70	156049	23.666	ng/u1	97
18) 4-Methylphenol	8.463	108	205004	24.776	ng/u1	99
19) Hexachloroethane	8.758	117	83611	24.769	ng/u1	97
22) Nitrobenzene	8.881	77	248275	23.705	ng/u1	98
23) Isophorone	9.405	82	442616	23.570	ng/u1	98
25) 2-Nitrophenol	9.581	139	114725	26.205	ng/u1	97
26) 2,4-Dimethylphenol	9.646	107	199086	20.922	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.869	93	250855	23.527	ng/u1	100
29) 2,4-Dichlorophenol	10.116	162	224817	26.442	ng/u1	97
30) Naphthalene	10.505	128	598979	24.644	ng/u1	99
32) 4-Chloroaniline	10.616	127	201435	20.003	ng/u1	95
33) Hexachlorobutadiene	10.781	225	173235	24.175	ng/u1	96
34) Caprolactam	11.393	113	67490m	24.622	ng/u1	
35) 4-Chloro-3-methylphenol	11.746	107	241029	25.983	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	445915	24.993	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	445260	24.451	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.481	216	336446	24.919	ng/ul	96
40) Hexachlorocyclopentadiene	12.457	237	113849	13.840	ng/ul	99
41) 2,4,6-Trichlorophenol	12.734	196	211509	24.904	ng/ul	98
42) 2,4,5-Trichlorophenol	12.810	196	232050	25.660	ng/ul	96
43) 1,1'-Biphenyl	13.134	154	637895	24.236	ng/ul	98
44) 2-Chloronaphthalene	13.175	162	533195	24.747	ng/ul	99
45) 2-Nitroaniline	13.387	65	162916	25.323	ng/ul	93
47) Dimethylphthalate	13.763	163	680043	23.523	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	145271	26.567	ng/ul	98
50) Acenaphthylene	14.028	152	792039	24.766	ng/ul	99
51) 3-Nitroaniline	14.222	138	136888	26.654	ng/ul	92
52) Acenaphthene	14.381	153	567538	25.096	ng/ul	99
53) 2,4-Dinitrophenol	14.434	184	96565	24.002	ng/ul	99
55) 4-Nitrophenol	14.546	109	142621	26.402	ng/ul	94
56) Dibenzofuran	14.728	168	842568	24.804	ng/ul	99
57) 2,4-Dinitrotoluene	14.693	165	232013	27.305	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.957	232	213616	25.308	ng/ul	99
59) Diethylphthalate	15.140	149	674594	24.323	ng/ul	99
61) Fluorene	15.381	166	694977	25.109	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.381	204	387632	24.490	ng/ul	98
63) 4-Nitroaniline	15.410	138	155604	30.110	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.463	198	155597	23.503	ng/ul	97
67) N-Nitrosodiphenylamine	15.587	169	600726	24.005	ng/ul	99
68) 4-Bromophenyl-phenylether	16.287	248	281724	24.999	ng/ul	97
69) Hexachlorobenzene	16.416	284	349604	25.203	ng/ul	96
70) Atrazine	16.563	200	180768	17.378	ng/ul	93
71) Pentachlorophenol	16.763	266	214587	24.059	ng/ul	98
72) Phenanthrene	17.163	178	1244779	24.897	ng/ul	99
74) Anthracene	17.245	178	1236852	24.790	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.099	216	330919	23.257	ng/uL	98
76) Pentachlorobenzene	14.640	250	365026	23.206	ng/uL	100
77) Carbazole	17.539	167	1095117	24.806	ng/ul	99
78) Di-n-butylphthalate	18.122	149	1198353	24.532	ng/ul	99
80) Fluoranthene	19.245	202	1667997	27.505	ng/ul	98
82) Pyrene	19.622	202	1728642	26.595	ng/ul	98
83) Butylbenzylphthalate	20.557	149	589273	26.040	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.439	252	628066	26.413	ng/ul	99
85) Benzo(a)anthracene	21.516	228	1767081	25.269	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	821072	25.277	ng/ul	99
87) Chrysene	21.580	228	1625139	25.063	ng/ul	100
89) Di-n-octyl phthalate	22.704	149	1374607	24.906	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	1885281	25.812	ng/ul	99
91) Benzo(k)fluoranthene	23.857	252	1834474	25.654	ng/ul	100
93) Benzo(a)pyrene	24.680	252	1669387	24.834	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.557	276	2238480m	24.954	ng/ul	
95) Dibenzo(a,h)anthracene	28.633	278	1806758	24.873	ng/ul#	98
96) Benzo(g,h,i)perylene	29.721	276	1724261	24.712	ng/ul	98

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

