

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
 Data File : BP023367.D
 Acq On : 11 Dec 2024 05:23
 Operator : RC/JU
 Sample : PB165476BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS476

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/13/2024

Quant Time: Dec 11 05:53:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	95000	20.000	ng/u1	0.00
20) Naphthalene-d8	10.281	136	367614	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.157	164	297480	20.000	ng/u1	0.01
64) Phenanthrene-d10	16.957	188	787569	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	904525	20.000	ng/u1	0.00
88) Perylene-d12	24.562	264	960557	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	14805	5.738	ng/uL	0.00
4) Pyridine-d5	3.516	84	204649	30.842	ng/u1	0.00
7) Phenol-d5	6.752	99	237107	31.810	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.893	67	138335	29.416	ng/u1	0.00
11) 2-Chlorophenol-d4	7.087	132	169208	30.757	ng/u1	0.00
15) 4-Methylphenol-d8	8.257	113	184112	30.604	ng/u1	0.00
21) Nitrobenzene-d5	8.687	128	77438	28.209	ng/u1	0.00
24) 2-Nitrophenol-d4	9.393	143	93720	29.623	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.934	165	200331	30.002	ng/u1	0.00
31) 4-Chloroaniline-d4	10.440	131	146356	19.565	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	667776	28.916	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	691058	28.370	ng/u1	0.00
54) 4-Nitrophenol-d4	14.422	143	95531	33.757	ng/u1	0.01
60) Fluorene-d10	15.169	176	580906	28.598	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.316	200	141576	29.744	ng/u1	0.00
73) Anthracene-d10	17.057	188	1008640	28.062	ng/u1	0.00
81) Pyrene-d10	19.445	212	1357926	28.735	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.351	264	1495383	29.081	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.134	88	31811	11.142	ng/uL	90
5) Pyridine	3.534	79	207010	30.542	ng/u1	96
6) Benzaldehyde	6.734	77	14431	3.386	ng/u1	93
8) Phenol	6.775	94	243605	31.392	ng/u1	99
10) Bis(2-Chloroethyl)ether	6.981	93	173638	28.347	ng/u1	96
12) 2-Chlorophenol	7.116	128	172620	29.931	ng/u1	98
13) 2-Methylphenol	7.993	108	172339	29.946	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.046	45	224176	30.094	ng/u1	98
16) Acetophenone	8.357	105	288653	28.508	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.334	70	158692	28.763	ng/u1	98
18) 4-Methylphenol	8.316	108	191570	30.841	ng/u1	98
19) Hexachloroethane	8.587	117	77946	27.757	ng/u1	98
22) Nitrobenzene	8.722	77	245913	29.441	ng/u1	98
23) Isophorone	9.240	82	433536	29.304	ng/u1	99
25) 2-Nitrophenol	9.422	139	98810	29.238	ng/u1	97
26) 2,4-Dimethylphenol	9.493	107	220673	29.488	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.710	93	236595	28.305	ng/u1	99
29) 2,4-Dichlorophenol	9.957	162	198108	29.936	ng/u1	97
30) Naphthalene	10.334	128	524764	27.268	ng/u1	99
32) 4-Chloroaniline	10.469	127	74920	10.329	ng/u1	97
33) Hexachlorobutadiene	10.604	225	154406	26.303	ng/u1	99
34) Caprolactam	11.251	113	59802m	30.970	ng/u1	
35) 4-Chloro-3-methylphenol	11.604	107	225970	31.447	ng/u1	97
36) 2-Methylnaphthalene	11.945	142	396852	27.808	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.157	142	389671	26.795	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.322	216	288080	26.537	ng/ul	96
40) Hexachlorocyclopentadiene	12.287	237	130920	25.100	ng/ul	98
41) 2,4,6-Trichlorophenol	12.581	196	191650	29.832	ng/ul	97
42) 2,4,5-Trichlorophenol	12.669	196	212164	30.910	ng/ul	99
43) 1,1'-Biphenyl	12.969	154	581964	27.610	ng/ul	96
44) 2-Chloronaphthalene	13.016	162	460315	26.999	ng/ul	98
45) 2-Nitroaniline	13.239	65	161278	32.650	ng/ul	95
47) Dimethylphthalate	13.604	163	653619	28.733	ng/ul	99
48) 2,6-Dinitrotoluene	13.751	165	135086	30.992	ng/ul	94
50) Acenaphthylene	13.869	152	696250	28.068	ng/ul	99
51) 3-Nitroaniline	14.098	138	74529	20.401	ng/ul	99
52) Acenaphthene	14.216	153	503492	27.770	ng/ul	98
53) 2,4-Dinitrophenol	14.310	184	88081	31.336	ng/ul	94
55) 4-Nitrophenol	14.434	109	110402	28.958	ng/ul	96
56) Dibenzofuran	14.557	168	761785	27.666	ng/ul	100
57) 2,4-Dinitrotoluene	14.557	165	214442	30.530	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.810	232	198561	29.139	ng/ul	98
59) Diethylphthalate	14.998	149	680788	30.007	ng/ul	98
61) Fluorene	15.222	166	637388	28.429	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.216	204	367171	28.236	ng/ul	98
63) 4-Nitroaniline	15.269	138	114555	35.652	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.333	198	148758	29.461	ng/ul	98
67) N-Nitrosodiphenylamine	15.439	169	552306	27.462	ng/ul	99
68) 4-Bromophenyl-phenylether	16.128	248	252873	27.199	ng/ul	98
69) Hexachlorobenzene	16.251	284	300910	26.419	ng/ul	94
70) Atrazine	16.422	200	40384	4.615	ng/ul	99
71) Pentachlorophenol	16.616	266	187041	28.134	ng/ul	96
72) Phenanthrene	16.998	178	1125290	27.637	ng/ul	99
74) Anthracene	17.092	178	1117130	27.440	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.934	216	288903	25.449	ng/uL	100
76) Pentachlorobenzene	14.486	250	317763	25.395	ng/uL	99
77) Carbazole	17.386	167	1019128	30.725	ng/ul	100
78) Di-n-butylphthalate	17.969	149	1197317	29.378	ng/ul	100
80) Fluoranthene	19.098	202	1544070	28.514	ng/ul	99
82) Pyrene	19.480	202	1640123	28.542	ng/ul	99
83) Butylbenzylphthalate	20.433	149	614584	30.881	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.304	252	179561	8.651	ng/ul#	98
85) Benzo(a)anthracene	21.368	228	1711436	28.216	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.298	149	874073	30.583	ng/ul#	99
87) Chrysene	21.433	228	1568559	26.985	ng/ul	100
89) Di-n-octyl phthalate	22.504	149	1490965	31.781	ng/ul	100
90) Benzo(b)fluoranthene	23.574	252	1749816	28.994	ng/ul	99
91) Benzo(k)fluoranthene	23.633	252	1722951	28.693	ng/ul	99
93) Benzo(a)pyrene	24.421	252	1543388	28.205	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.150	276	1894712	26.944	ng/ul	98
95) Dibenzo(a,h)anthracene	28.227	278	1532362m	27.230	ng/ul	
96) Benzo(g,h,i)perylene	29.297	276	1478398m	27.459	ng/ul	

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

