

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090424\
 Data File : BP021828.D
 Acq On : 04 Sep 2024 22:48
 Operator : RC/JU
 Sample : P3438-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

DCYL4MS

Manual Integrations

APPROVED

Reviewed By :Jagrut
 Upadhyay

09/05/2024

Supervised By :mohammad
 ahmed

09/05/2024

Supervised By :mohammad
 ahmed

09/07/2024

Quant Time: Sep 05 06:03:26 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Sep 05 05:03:57 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	312074	20.000	ng/u1	0.01
20) Naphthalene-d8	10.557	136	1335624	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.410	164	896591	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	2021266	20.000	ng/u1	0.00
79) Chrysene-d12	21.668	240	2085459	20.000	ng/u1	-0.01
88) Perylene-d12	25.062	264	2388323	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	24173	2.572	ng/uL	0.00
4) Pyridine-d5	3.687	84	128357	4.721	ng/u1	0.01
7) Phenol-d5	6.946	99	495701	14.884	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.105	67	270348	14.916	ng/u1	0.01
11) 2-Chlorophenol-d4	7.310	132	326704	15.194	ng/u1	0.00
15) 4-Methylphenol-d8	8.475	113	373559	14.515	ng/u1	0.01
21) Nitrobenzene-d5	8.922	128	162451	15.118	ng/u1	0.01
24) 2-Nitrophenol-d4	9.640	143	166213	15.238	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.181	165	332731	15.480	ng/u1	0.01
31) 4-Chloroaniline-d4	10.687	131	443231	14.174	ng/u1	0.00
46) Dimethylphthalate-d6	13.816	166	1144130	16.677	ng/u1	0.00
49) Acenaphthylene-d8	14.098	160	1207415	15.676	ng/u1	0.00
54) 4-Nitrophenol-d4	14.622	143	230879	17.689	ng/u1	0.01
60) Fluorene-d10	15.416	176	953293	16.528	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	178618	16.067	ng/u1	0.00
73) Anthracene-d10	17.316	188	1606926	16.752	ng/u1	0.00
81) Pyrene-d10	19.686	212	1832214	15.369	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.833	264	1480851	11.628	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	67117	6.718	ng/uL	93
5) Pyridine	3.705	79	141008	5.190	ng/u1	97
6) Benzaldehyde	6.916	77	361425	21.217	ng/u1	100
8) Phenol	6.969	94	639113	18.404	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.199	93	481947	17.854	ng/u1	98
12) 2-Chlorophenol	7.346	128	423103	18.748	ng/u1	98
13) 2-Methylphenol	8.210	108	430715	17.193	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.287	45	471386	18.093	ng/u1	99
16) Acetophenone	8.587	105	842835	20.428	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.569	70	354439	18.204	ng/u1	98
18) 4-Methylphenol	8.534	108	484503	17.665	ng/u1	98
19) Hexachloroethane	8.846	117	141065	13.979	ng/u1	94
22) Nitrobenzene	8.963	77	550928	18.387	ng/u1	100
23) Isophorone	9.487	82	1052828	17.510	ng/u1	99
25) 2-Nitrophenol	9.669	139	229523	18.992	ng/u1	96
26) 2,4-Dimethylphenol	9.734	107	317873	10.717	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.963	93	668335	17.724	ng/u1	98
29) 2,4-Dichlorophenol	10.204	162	397763	18.416	ng/u1	97
30) Naphthalene	10.604	128	1352948	17.973	ng/u1	100
32) 4-Chloroaniline	10.710	127	515217	16.319	ng/u1	99
33) Hexachlorobutadiene	10.898	225	254125	17.535	ng/u1	98
34) Caprolactam	11.493	113	192229	21.046	ng/u1	97
35) 4-Chloro-3-methylphenol	11.845	107	546493	19.117	ng/u1	100
36) 2-Methylnaphthalene	12.216	142	935971	18.383	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.440	142	933213	18.223	ng/ul	99	09/03/2024
39) 1,2,4,5-Tetrachloroben...	12.592	216	484640	17.150	ng/ul	98	Supervised By :mohammad ahmed
40) Hexachlorocyclopentadiene	12.575	237	195598	12.063	ng/ul	99	
41) 2,4,6-Trichlorophenol	12.834	196	334703	18.396	ng/ul	99	
42) 2,4,5-Trichlorophenol	12.904	196	372566	18.964	ng/ul	99	
43) 1,1'-Biphenyl	13.234	154	1430443	21.087	ng/ul	98	
44) 2-Chloronaphthalene	13.275	162	946792	17.801	ng/ul	98	09/07/2024
45) 2-Nitroaniline	13.481	65	345497	20.736	ng/ul	95	
47) Dimethylphthalate	13.863	163	1325585	19.297	ng/ul	99	
48) 2,6-Dinitrotoluene	13.975	165	262165	20.693	ng/ul	97	
50) Acenaphthylene	14.128	152	1539731	18.587	ng/ul	99	
51) 3-Nitroaniline	14.310	138	285969	20.656	ng/ul	97	
52) Acenaphthene	14.481	153	1616969	27.756	ng/ul	100	
53) 2,4-Dinitrophenol	14.522	184	137868	18.177	ng/ul	90	
55) 4-Nitrophenol	14.634	109	306150	25.617	ng/ul	90	
56) Dibenzofuran	14.816	168	2458296	30.502	ng/ul	96	
57) 2,4-Dinitrotoluene	14.781	165	427102	22.434	ng/ul#	99	
58) 2,3,4,6-Tetrachlorophenol	15.045	232	329117	19.444	ng/ul	93	
59) Diethylphthalate	15.251	149	1429647	20.725	ng/ul	99	
61) Fluorene	15.481	166	1919405	29.444	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	15.469	204	624289	19.059	ng/ul	98	
63) 4-Nitroaniline	15.486	138	324902	24.282	ng/ul	95	
66) 4,6-Dinitro-2-methylph...	15.551	198	248300	19.967	ng/ul	96	
67) N-Nitrosodiphenylamine	15.686	169	1132622	19.048	ng/ul	98	
68) 4-Bromophenyl-phenylether	16.381	248	413436	18.528	ng/ul	95	
69) Hexachlorobenzene	16.498	284	381099	14.386	ng/ul	95	
70) Atrazine	16.663	200	465991	20.660	ng/ul	97	
71) Pentachlorophenol	16.857	266	276013	16.281	ng/ul	98	
72) Phenanthrene	17.257	178	2525950	22.763	ng/ul	99	
74) Anthracene	17.345	178	2543554	22.625	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.198	216	474901	15.803	ng/ul	97	
76) Pentachlorobenzene	14.739	250	467545	15.011	ng/ul	100	
77) Carbazole	17.628	167	2021966	19.997	ng/ul	100	
78) Di-n-butylphthalate	18.216	149	2819886	22.912	ng/ul	100	
80) Fluoranthene	19.345	202	7581627	54.499	ng/ul	98	
82) Pyrene	19.716	202	4890827	33.195	ng/ul	99	
83) Butylbenzylphthalate	20.669	149	1373864	22.774	ng/ul	100	
84) 3,3'-Dichlorobenzidine	21.563	252	861984	16.401	ng/ul	99	
85) Benzo(a)anthracene	21.645	228	4095700	27.609	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	21.592	149	2020613	22.694	ng/ul	99	
87) Chrysene	21.716	228	3425185	24.533	ng/ul	99	
89) Di-n-octyl phthalate	22.892	149	3404584	22.520	ng/ul	100	
90) Benzo(b)fluoranthene	23.992	252	3706890	24.805	ng/ul	99	
91) Benzo(k)fluoranthene	24.068	252	3385233	23.139	ng/ul	100	
93) Benzo(a)pyrene	24.909	252	1683127	12.225	ng/ul	100	
94) Indeno(1,2,3-cd)pyrene	28.915	276	2685894m	15.130	ng/ul		
95) Dibenzo(a,h)anthracene	29.021	278	2987396m	20.942	ng/ul		
96) Benzo(g,h,i)perylene	30.109	276	231996	1.691	ng/ul	98	

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

