

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090424\
 Data File : BP021825.D
 Acq On : 04 Sep 2024 20:40
 Operator : RC/JU
 Sample : P3809-09MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YE3E3MS

Quant Time: Sep 05 05:47:53 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

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	326350	20.000	ng/u1	0.01
20) Naphthalene-d8	10.557	136	1339723	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.410	164	856668	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.222	188	1886367	20.000	ng/u1	0.01
79) Chrysene-d12	21.680	240	1877637	20.000	ng/u1	0.00
88) Perylene-d12	25.092	264	2123628	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	36949	3.759	ng/uL	0.00
4) Pyridine-d5	3.687	84	240346	8.453	ng/u1	0.01
7) Phenol-d5	6.946	99	209357	6.011	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.105	67	444804	23.468	ng/u1	0.01
11) 2-Chlorophenol-d4	7.311	132	484206	21.534	ng/u1	0.00
15) 4-Methylphenol-d8	8.475	113	385230	14.314	ng/u1	0.01
21) Nitrobenzene-d5	8.922	128	267451	24.813	ng/u1	0.01
24) 2-Nitrophenol-d4	9.640	143	282494	25.820	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.181	165	534990	24.814	ng/u1	0.01
31) 4-Chloroaniline-d4	10.687	131	662658	21.126	ng/u1	0.00
46) Dimethylphthalate-d6	13.816	166	1854674	28.294	ng/u1	0.00
49) Acenaphthylene-d8	14.098	160	1969490	26.761	ng/u1	0.00
54) 4-Nitrophenol-d4	14.622	143	93682	7.512	ng/u1	0.01
60) Fluorene-d10	15.422	176	1548479	28.098	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.551	200	302648	29.170	ng/u1	0.02
73) Anthracene-d10	17.322	188	2480772	27.710	ng/u1	0.00
81) Pyrene-d10	19.698	212	3183305	29.658	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.857	264	3380841	29.856	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	120582	11.542	ng/uL	96
5) Pyridine	3.705	79	244916	8.620	ng/u1	96
6) Benzaldehyde	6.922	77	524349	29.434	ng/u1	99
8) Phenol	6.969	94	229660	6.324	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.199	93	639971	22.671	ng/u1	99
12) 2-Chlorophenol	7.346	128	503863	21.350	ng/u1	100
13) 2-Methylphenol	8.216	108	424882	16.218	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.287	45	613143	22.504	ng/u1	99
16) Acetophenone	8.587	105	1004565	23.283	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.569	70	461319	22.657	ng/u1	96
18) 4-Methylphenol	8.534	108	415360	14.482	ng/u1	95
19) Hexachloroethane	8.846	117	182041	17.251	ng/u1	92
22) Nitrobenzene	8.963	77	730704	24.312	ng/u1	99
23) Isophorone	9.493	82	1381603	22.908	ng/u1	99
25) 2-Nitrophenol	9.675	139	302607	24.963	ng/u1	97
26) 2,4-Dimethylphenol	9.734	107	583036	19.596	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.963	93	864863	22.866	ng/u1	98
29) 2,4-Dichlorophenol	10.210	162	522837	24.132	ng/u1	99
30) Naphthalene	10.604	128	1662915	22.023	ng/u1	100
32) 4-Chloroaniline	10.710	127	646496	20.415	ng/u1	99
33) Hexachlorobutadiene	10.899	225	280677	19.308	ng/u1	98
34) Caprolactam	11.499	113	37188m	4.059	ng/u1	
35) 4-Chloro-3-methylphenol	11.840	107	704041	24.552	ng/u1	98
36) 2-Methylnaphthalene	12.222	142	1175333	23.013	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.434	142	1174310	22.860	ng/ul	99	09/05/2024
39) 1,2,4,5-Tetrachloroben...	12.587	216	636268	23.565	ng/ul	99	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.569	237	251664	16.244	ng/ul	97	ahmed
41) 2,4,6-Trichlorophenol	12.834	196	471382	27.116	ng/ul	99	
42) 2,4,5-Trichlorophenol	12.904	196	514422	27.405	ng/ul	98	
43) 1,1'-Biphenyl	13.234	154	1620762	25.007	ng/ul	99	
44) 2-Chloronaphthalene	13.275	162	1235858	24.319	ng/ul	98	09/07/2024
45) 2-Nitroaniline	13.475	65	478644	30.065	ng/ul	96	
47) Dimethylphthalate	13.869	163	1777499	27.081	ng/ul	99	
48) 2,6-Dinitrotoluene	13.975	165	363766	30.051	ng/ul	95	
50) Acenaphthylene	14.134	152	2052103	25.926	ng/ul	99	
51) 3-Nitroaniline	14.310	138	381290	28.825	ng/ul	94	
52) Acenaphthene	14.481	153	1457819	26.191	ng/ul	99	
53) 2,4-Dinitrophenol	14.528	184	194523	26.842	ng/ul	93	
55) 4-Nitrophenol	14.634	109	95576	8.370	ng/ul	95	
56) Dibenzofuran	14.816	168	2052008	26.647	ng/ul	98	
57) 2,4-Dinitrotoluene	14.781	165	547667	30.108	ng/ul	96	
58) 2,3,4,6-Tetrachlorophenol	15.045	232	458025	28.321	ng/ul	91	
59) Diethylphthalate	15.257	149	1865619	28.305	ng/ul	99	
61) Fluorene	15.487	166	1686049	27.070	ng/ul	100	
62) 4-Chlorophenyl-phenyle...	15.481	204	827052	26.426	ng/ul	98	
63) 4-Nitroaniline	15.498	138	425598	33.290	ng/ul	93	
66) 4,6-Dinitro-2-methylph...	15.563	198	328382	28.295	ng/ul	100	
67) N-Nitrosodiphenylamine	15.692	169	1422411	25.633	ng/ul	98	
68) 4-Bromophenyl-phenylether	16.387	248	549897	26.406	ng/ul	95	
69) Hexachlorobenzene	16.510	284	648536	26.233	ng/ul	94	
70) Atrazine	16.675	200	584452	27.765	ng/ul	98	
71) Pentachlorophenol	16.863	266	425649	26.902	ng/ul	98	
72) Phenanthrene	17.269	178	2927411	28.267	ng/ul	99	
74) Anthracene	17.357	178	2871237	27.367	ng/ul	100	
75) 1,2,3,4-Tetrachloroben...	13.198	216	638671	22.773	ng/ul	97	
76) Pentachlorobenzene	14.734	250	703019	24.185	ng/ul	100	
77) Carbazole	17.639	167	2831097	30.002	ng/ul	99	
78) Di-n-butylphthalate	18.233	149	3419676	29.772	ng/ul	100	
80) Fluoranthene	19.351	202	3614172	28.855	ng/ul	100	
82) Pyrene	19.728	202	3803164	28.670	ng/ul	98	
83) Butylbenzylphthalate	20.675	149	1675786	30.854	ng/ul	98	
84) 3,3'-Dichlorobenzidine	21.574	252	624835	13.205	ng/ul	99	
85) Benzo(a)anthracene	21.657	228	3797226	28.430	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	21.598	149	2382616	29.722	ng/ul	100	
87) Chrysene	21.727	228	3573207	28.426	ng/ul	100	
89) Di-n-octyl phthalate	22.898	149	3982393	29.626	ng/ul	100	
90) Benzo(b)fluoranthene	23.998	252	3922704	29.521	ng/ul	99	
91) Benzo(k)fluoranthene	24.080	252	3769136	28.974	ng/ul	99	
93) Benzo(a)pyrene	24.927	252	3526662	28.808	ng/ul	99	
94) Indeno(1,2,3-cd)pyrene	28.945	276	4397749m	27.861	ng/ul		
95) Dibenzo(a,h)anthracene	29.051	278	3522145	27.769	ng/ul	99	
96) Benzo(g,h,i)perylene	30.156	276	3459908m	28.370	ng/ul		

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

