

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
 Data File : BP023347.D
 Acq On : 10 Dec 2024 15:12
 Operator : RC/JU
 Sample : P5109-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

BHJA2MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/13/2024

Quant Time: Dec 11 01:21:16 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	78407	20.000	ng/u1	0.00
20) Naphthalene-d8	10.287	136	293689	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.145	164	220113	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.963	188	558935	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	712517	20.000	ng/u1	0.00
88) Perylene-d12	24.551	264	875304	20.000	ng/u1	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.105	96	8113	3.809	ng/uL	0.00
4) Pyridine-d5	3.528	84	27101	4.949	ng/u1	0.01
7) Phenol-d5	6.763	99	28089	4.566	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.893	67	80625	20.772	ng/u1	0.00
11) 2-Chlorophenol-d4	7.093	132	75722	16.677	ng/u1	0.00
15) 4-Methylphenol-d8	8.263	113	53534	10.782	ng/u1	0.00
21) Nitrobenzene-d5	8.687	128	42726	19.482	ng/u1	0.00
24) 2-Nitrophenol-d4	9.398	143	28895	11.432	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.940	165	96116	18.018	ng/u1	0.00
31) 4-Chloroaniline-d4	10.445	131	104270	17.448	ng/u1	0.00
46) Dimethylphthalate-d6	13.569	166	404517	23.673	ng/u1	0.01
49) Acenaphthylene-d8	13.839	160	378868	21.021	ng/u1	0.00
54) 4-Nitrophenol-d4	14.469	143	26556m	12.682	ng/u1	0.06
60) Fluorene-d10	15.157	176	339209	22.569	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	4111m	1.217	ng/u1	0.05
73) Anthracene-d10	17.057	188	606043	23.758	ng/u1	0.00
81) Pyrene-d10	19.445	212	832121	22.353	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.345	264	1104710	23.576	ng/u1	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.140	88	8168	3.466	ng/uL	99
5) Pyridine	3.552	79	26588	4.753	ng/u1	99
6) Benzaldehyde	6.722	77	47829m	13.599	ng/u1	
8) Phenol	6.793	94	32400	5.059	ng/u1	97
10) Bis(2-Chloroethyl)ether	6.987	93	97538	19.293	ng/u1	95
12) 2-Chlorophenol	7.122	128	79941	16.794	ng/u1	95
13) 2-Methylphenol	7.999	108	63826	13.438	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.052	45	128742	20.940	ng/u1	98
16) Acetophenone	8.357	105	163685	19.587	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.334	70	92173	20.242	ng/u1	96
18) 4-Methylphenol	8.334	108	61010	11.900	ng/u1	94
19) Hexachloroethane	8.587	117	37627	16.235	ng/u1	92
22) Nitrobenzene	8.728	77	141333	21.180	ng/u1	96
23) Isophorone	9.240	82	244310	20.670	ng/u1	98
25) 2-Nitrophenol	9.434	139	30448	11.277	ng/u1	93
26) 2,4-Dimethylphenol	9.493	107	96196	16.090	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.710	93	133278	19.958	ng/u1	100
29) 2,4-Dichlorophenol	9.963	162	97721	18.483	ng/u1	97
30) Naphthalene	10.334	128	286639	18.643	ng/u1	99
32) 4-Chloroaniline	10.469	127	36038	6.219	ng/u1	97
33) Hexachlorobutadiene	10.604	225	84496	18.017	ng/u1	97
34) Caprolactam	11.275	113	3994m	2.589	ng/u1	
35) 4-Chloro-3-methylphenol	11.598	107	106358	18.527	ng/u1	99
36) 2-Methylnaphthalene	11.945	142	219885	19.286	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.163	142	218856	18.837	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.322	216	165290	20.578	ng/ul	98
40) Hexachlorocyclopentadiene	12.287	237	56938	14.753	ng/ul#	95
41) 2,4,6-Trichlorophenol	12.581	196	95379	20.065	ng/ul	99
42) 2,4,5-Trichlorophenol	12.663	196	99695	19.630	ng/ul	99
43) 1,1'-Biphenyl	12.969	154	324929	20.834	ng/ul	99
44) 2-Chloronaphthalene	13.010	162	260955	20.686	ng/ul	97
45) 2-Nitroaniline	13.245	65	90781	24.838	ng/ul	100
47) Dimethylphthalate	13.610	163	386838	22.982	ng/ul	98
48) 2,6-Dinitrotoluene	13.739	165	77074	23.898	ng/ul	96
50) Acenaphthylene	13.869	152	391552	21.333	ng/ul	99
51) 3-Nitroaniline	14.086	138	54386	20.120	ng/ul	89
52) Acenaphthene	14.216	153	288550	21.509	ng/ul	98
53) 2,4-Dinitrophenol	14.386	184	1214m	0.584	ng/ul	
55) 4-Nitrophenol	14.475	109	13194m	4.677	ng/ul	
56) Dibenzofuran	14.563	168	445908	21.886	ng/ul	99
57) 2,4-Dinitrotoluene	14.563	165	116760	22.466	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	14.804	232	94831	18.808	ng/ul	94
59) Diethylphthalate	14.998	149	405428	24.151	ng/ul	98
61) Fluorene	15.222	166	379787	22.894	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.222	204	220886	22.957	ng/ul	97
63) 4-Nitroaniline	15.286	138	61667	25.938	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.392	198	4055m	1.132	ng/ul	
67) N-Nitrosodiphenylamine	15.433	169	331778	23.245	ng/ul	97
68) 4-Bromophenyl-phenylether	16.128	248	154198	23.370	ng/ul	96
69) Hexachlorobenzene	16.257	284	184064	22.771	ng/ul	99
70) Atrazine	16.422	200	1107	0.178	ng/ul	91
71) Pentachlorophenol	16.628	266	77332	16.390	ng/ul	99
72) Phenanthrene	17.010	178	671986	23.255	ng/ul	100
74) Anthracene	17.092	178	671918	23.255	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.934	216	165303	20.517	ng/uL	98
76) Pentachlorobenzene	14.481	250	195130	21.973	ng/uL	100
77) Carbazole	17.392	167	611164	25.963	ng/ul	99
78) Di-n-butylphthalate	17.963	149	732884	25.339	ng/ul	100
80) Fluoranthene	19.098	202	936015	21.943	ng/ul	99
82) Pyrene	19.480	202	1005157	22.206	ng/ul	100
83) Butylbenzylphthalate	20.433	149	374242	23.872	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.298	252	362744	22.187	ng/ul	98
85) Benzo(a)anthracene	21.363	228	1137318	23.803	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	553671	24.593	ng/ul	99
87) Chrysene	21.433	228	1073309	23.441	ng/ul	99
89) Di-n-octyl phthalate	22.492	149	1000895	23.413	ng/ul	100
90) Benzo(b)fluoranthene	23.557	252	1276538	23.212	ng/ul	99
91) Benzo(k)fluoranthene	23.621	252	1241841	22.695	ng/ul	100
93) Benzo(a)pyrene	24.409	252	1180159	23.668	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.133	276	1502847	23.453	ng/ul	98
95) Dibenzo(a,h)anthracene	28.186	278	1204405	23.487	ng/ul#	98
96) Benzo(g,h,i)perylene	29.256	276	1150432	23.449	ng/ul	99

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

