

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
 Data File : BP023520.D
 Acq On : 19 Dec 2024 06:29
 Operator : RC/JU
 Sample : PB165701BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SLCS701

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 19 07:32:32 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	7.522	152	211883	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.263	136	801224	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.140	164	575377	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.945	188	1280602	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.369	240	1411408	20.000	ng/u1	#-0.02
88) Perylene-d12	24.539	264	1577321	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	26772	4.652	ng/uL	0.00
4) Pyridine-d5	3.511	84	444353	30.026	ng/u1	0.00
7) Phenol-d5	6.734	99	517401	31.122	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.875	67	311987	29.745	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.075	132	370104	30.163	ng/u1	-0.01
15) 4-Methylphenol-d8	8.240	113	389002	28.992	ng/u1	-0.02
21) Nitrobenzene-d5	8.669	128	167708	28.031	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.375	143	192789	27.959	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	9.916	165	407063	27.970	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.422	131	420518	25.793	ng/u1	-0.02
46) Dimethylphthalate-d6	13.546	166	1142575	25.580	ng/u1	-0.01
49) Acenaphthylene-d8	13.828	160	1255122	26.640	ng/u1	0.00
54) 4-Nitrophenol-d4	14.422	143	146852	26.829	ng/u1	0.01
60) Fluorene-d10	15.151	176	967841	24.635	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.310	200	211319	27.304	ng/u1	0.00
73) Anthracene-d10	17.045	188	1600811	27.390	ng/u1	0.00
81) Pyrene-d10	19.433	212	2017228	27.356	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.321	264	2219358	26.284	ng/u1	-0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.134	88	60469	9.496	ng/uL	96
5) Pyridine	3.528	79	457689	30.277	ng/u1#	87
6) Benzaldehyde	6.711	77	39607	4.167	ng/u1	98
8) Phenol	6.763	94	563095	32.534	ng/u1#	83
10) Bis(2-Chloroethyl)ether	6.969	93	418308	30.618	ng/u1	98
12) 2-Chlorophenol	7.105	128	393207	30.568	ng/u1	99
13) 2-Methylphenol	7.981	108	394939	30.769	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.028	45	519197	31.250	ng/u1	98
16) Acetophenone	8.334	105	607423	26.897	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.316	70	336067	27.311	ng/u1	93
18) 4-Methylphenol	8.305	108	425245	30.695	ng/u1	95
19) Hexachloroethane	8.563	117	164037	26.191	ng/u1	88
22) Nitrobenzene	8.705	77	510371	28.034	ng/u1	99
23) Isophorone	9.222	82	921249	28.570	ng/u1	98
25) 2-Nitrophenol	9.410	139	215075	29.200	ng/u1#	82
26) 2,4-Dimethylphenol	9.475	107	452440	27.740	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.693	93	538487	29.558	ng/u1	100
29) 2,4-Dichlorophenol	9.946	162	403660	27.986	ng/u1	99
30) Naphthalene	10.316	128	1116784	26.625	ng/u1	99
32) 4-Chloroaniline	10.452	127	271380	17.166	ng/u1	97
33) Hexachlorobutadiene	10.587	225	277749	21.708	ng/u1	97
34) Caprolactam	11.234	113	130418m	30.989	ng/u1	
35) 4-Chloro-3-methylphenol	11.599	107	441504	28.190	ng/u1	91
36) 2-Methylnaphthalene	11.934	142	802168	25.789	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.146	142	810741	25.578	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.304	216	513432	24.453	ng/ul	98
40) Hexachlorocyclopentadiene	12.269	237	177744	17.619	ng/ul	99
41) 2,4,6-Trichlorophenol	12.569	196	352292	28.352	ng/ul	99
42) 2,4,5-Trichlorophenol	12.663	196	377290	28.419	ng/ul	99
43) 1,1'-Biphenyl	12.951	154	1092437	26.796	ng/ul#	97
44) 2-Chloronaphthalene	13.004	162	881950	26.745	ng/ul	97
45) 2-Nitroaniline	13.222	65	290739	30.431	ng/ul	90
47) Dimethylphthalate	13.593	163	1182723	26.881	ng/ul	99
48) 2,6-Dinitrotoluene	13.740	165	245633	29.136	ng/ul	87
50) Acenaphthylene	13.851	152	1344811	28.029	ng/ul	100
51) 3-Nitroaniline	14.081	138	223102	31.574	ng/ul	99
52) Acenaphthene	14.198	153	951989	27.147	ng/ul	98
53) 2,4-Dinitrophenol	14.304	184	143734	26.438	ng/ul	93
55) 4-Nitrophenol	14.440	109	186554	25.299	ng/ul#	70
56) Dibenzofuran	14.545	168	1361949	25.573	ng/ul	94
57) 2,4-Dinitrotoluene	14.545	165	363277	26.740	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.798	232	328032	24.889	ng/ul#	95
59) Diethylphthalate	14.975	149	1154381	26.307	ng/ul	99
61) Fluorene	15.210	166	1123145	25.900	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.198	204	597800	23.768	ng/ul	99
63) 4-Nitroaniline	15.263	138	233622m	37.591	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.322	198	236648	28.823	ng/ul	95
67) N-Nitrosodiphenylamine	15.428	169	949606	29.038	ng/ul	99
68) 4-Bromophenyl-phenylether	16.110	248	371733	24.590	ng/ul	100
69) Hexachlorobenzene	16.234	284	434737	23.473	ng/ul	98
70) Atrazine	16.404	200	393561	27.657	ng/ul	99
71) Pentachlorophenol	16.610	266	273124	25.266	ng/ul	95
72) Phenanthrene	16.992	178	1872327	28.281	ng/ul	100
74) Anthracene	17.081	178	1871146	28.266	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.916	216	515365	27.919	ng/ul	97
76) Pentachlorobenzene	14.469	250	516004	25.361	ng/ul	98
77) Carbazole	17.375	167	1744308	32.342	ng/ul	98
78) Di-n-butylphthalate	17.951	149	1991468	30.052	ng/ul#	98
80) Fluoranthene	19.086	202	2425801	28.709	ng/ul#	93
82) Pyrene	19.463	202	2524784	28.158	ng/ul#	90
83) Butylbenzylphthalate	20.410	149	961752	30.970	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.280	252	871602	26.912	ng/ul#	97
85) Benzo(a)anthracene	21.351	228	2588221	27.346	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	1349816	30.268	ng/ul	99
87) Chrysene	21.410	228	2435578	26.853	ng/ul	100
89) Di-n-octyl phthalate	22.480	149	2418347	31.392	ng/ul	100
90) Benzo(b)fluoranthene	23.545	252	2684028	27.084	ng/ul#	98
91) Benzo(k)fluoranthene	23.604	252	2578579	26.151	ng/ul#	98
93) Benzo(a)pyrene	24.392	252	2445853	27.220	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.127	276	3133720	27.139	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.168	278	2493009	26.978	ng/ul#	96
96) Benzo(g,h,i)perylene	29.233	276	2466038m	27.893	ng/ul	

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

