

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
 Data File : BN034661.D
 Acq On : 18 Oct 2024 22:31
 Operator : RC/JU
 Sample : PB164094BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS094

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2024

Supervised By :mohammad ahmed 10/21/2024

Quant Time: Oct 18 23:40:05 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 16 15:50:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	380601	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1603082	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	930822	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.039	188	1629926	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1063844	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1119337	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	51712	5.437	ng/uL	0.00
4) Pyridine-d5	3.605	84	777267	27.987	ng/u1	0.00
7) Phenol-d5	6.840	99	990645	31.715	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	594411	30.851	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	793086	32.869	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	782685	32.153	ng/u1	0.01
21) Nitrobenzene-d5	8.810	128	394251	35.340	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	388669	44.088	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	707455	34.817	ng/u1	0.00
31) 4-Chloroaniline-d4	10.575	131	1025584	29.422	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1935803	32.873	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	2321260	31.735	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	348234	31.745	ng/u1	0.01
60) Fluorene-d10	15.293	176	1588827	31.195	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	190300	34.832	ng/u1	0.00
73) Anthracene-d10	17.139	188	2209271	31.708	ng/u1	0.00
81) Pyrene-d10	19.433	212	2091457	38.289	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	1764173	34.206	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	111320	10.893	ng/uL	97
5) Pyridine	3.623	79	780537	27.619	ng/u1	99
6) Benzaldehyde	6.811	77	504295	27.505	ng/u1	98
8) Phenol	6.869	94	1037764	31.818	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.099	93	823826	32.033	ng/u1	97
12) 2-Chlorophenol	7.234	128	845633	33.558	ng/u1	97
13) 2-Methylphenol	8.105	108	775737	32.219	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.193	45	1208589	31.196	ng/u1	98
16) Acetophenone	8.481	105	1240371	31.910	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.481	70	605959	32.011	ng/u1	95
18) 4-Methylphenol	8.434	108	849204	32.534	ng/u1	94
19) Hexachloroethane	8.734	117	339368	32.298	ng/u1	98
22) Nitrobenzene	8.852	77	897338	33.628	ng/u1	97
23) Isophorone	9.381	82	1735075	32.892	ng/u1	99
25) 2-Nitrophenol	9.558	139	449320	43.342	ng/u1	98
26) 2,4-Dimethylphenol	9.628	107	711619	27.507	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.869	93	1074682	33.028	ng/u1	100
29) 2,4-Dichlorophenol	10.093	162	731535	35.585	ng/u1	98
30) Naphthalene	10.493	128	2612593	32.422	ng/u1	99
32) 4-Chloroaniline	10.599	127	836818	25.319	ng/u1	99
33) Hexachlorobutadiene	10.787	225	402072	32.541	ng/u1	96
34) Caprolactam	11.369	113	257122m	32.080	ng/u1	
35) 4-Chloro-3-methylphenol	11.734	107	803520	34.960	ng/u1	98
36) 2-Methylnaphthalene	12.104	142	1732635	32.656	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	1697475	31.428	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	757139	33.102	ng/ul	95
40) Hexachlorocyclopentadiene	12.469	237	294319	24.224	ng/ul	95
41) 2,4,6-Trichlorophenol	12.722	196	503786	37.935	ng/ul	96
42) 2,4,5-Trichlorophenol	12.793	196	555278	37.734	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	2117502	33.127	ng/ul	99
44) 2-Chloronaphthalene	13.163	162	1680807	33.642	ng/ul	100
45) 2-Nitroaniline	13.369	65	508221	38.778	ng/ul	94
47) Dimethylphthalate	13.769	163	1996716	33.758	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	415878	40.590	ng/ul	91
50) Acenaphthylene	14.016	152	2642298	33.338	ng/ul	97
51) 3-Nitroaniline	14.198	138	456523	34.908	ng/ul#	90
52) Acenaphthene	14.363	153	1768894	32.124	ng/ul	97
53) 2,4-Dinitrophenol	14.404	184	115561	28.912	ng/ul	95
55) 4-Nitrophenol	14.516	109	261968	32.611	ng/ul	95
56) Dibenzofuran	14.698	168	2381107	32.542	ng/ul	98
57) 2,4-Dinitrotoluene	14.663	165	586914	40.165	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.922	232	391323	37.099	ng/ul	99
59) Diethylphthalate	15.145	149	2037135	33.946	ng/ul	100
61) Fluorene	15.351	166	1853108	31.430	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.351	204	848957	32.076	ng/ul	97
63) 4-Nitroaniline	15.363	138	456913	35.067	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.428	198	230147	36.412	ng/ul	98
67) N-Nitrosodiphenylamine	15.563	169	1625524	35.390	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	506143	35.670	ng/ul	93
69) Hexachlorobenzene	16.351	284	559209	34.321	ng/ul	96
70) Atrazine	16.522	200	333407	21.669	ng/ul	99
71) Pentachlorophenol	16.692	266	299183	34.260	ng/ul	96
72) Phenanthrene	17.081	178	2739423	33.673	ng/ul	99
74) Anthracene	17.175	178	2755996	32.786	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	752645	36.880	ng/ul	99
76) Pentachlorobenzene	14.616	250	687932	35.224	ng/ul	98
77) Carbazole	17.439	167	2518923	32.360	ng/ul	99
78) Di-n-butylphthalate	18.034	149	3249643	35.880	ng/ul	100
80) Fluoranthene	19.098	202	2633237	40.183	ng/ul	97
82) Pyrene	19.463	202	2730179	39.111	ng/ul	99
83) Butylbenzylphthalate	20.386	149	1263099	48.809	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.175	252	659607	30.823	ng/ul	97
85) Benzo(a)anthracene	21.245	228	2285994	33.821	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.216	149	1838420	45.275	ng/ul	100
87) Chrysene	21.304	228	2176163	33.921	ng/ul	98
89) Di-n-octyl phthalate	22.327	149	2912742	44.773	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	2119625	35.240	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	2176822	35.417	ng/ul	98
93) Benzo(a)pyrene	24.021	252	1949096	33.470	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.380	276	2548082	35.072	ng/ul	97
95) Dibenzo(a,h)anthracene	27.457	278	2082786	35.277	ng/ul	99
96) Benzo(g,h,i)perylene	28.392	276	1977276	35.063	ng/ul	99

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

