

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
 Data File : BN034321.D
 Acq On : 02 Oct 2024 03:42
 Operator : RC/JU
 Sample : PB163562BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS562

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 02 05:17:39 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 30 14:14:38 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.387	152	261941	20.000	ng/u1	0.00
20) Naphthalene-d8	10.146	136	1071489	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.039	164	688774	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.798	188	1406250	20.000	ng/u1	0.00
79) Chrysene-d12	21.033	240	1392140	20.000	ng/u1	0.00
88) Perylene-d12	23.739	264	1676226	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	26693	4.158	ng/uL	0.00
4) Pyridine-d5	3.387	84	347613	18.219	ng/u1	0.00
7) Phenol-d5	6.587	99	452757	19.476	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.746	67	266885	18.503	ng/u1	0.00
11) 2-Chlorophenol-d4	6.928	132	399094	21.810	ng/u1	0.00
15) 4-Methylphenol-d8	8.104	113	363554	19.006	ng/u1	0.00
21) Nitrobenzene-d5	8.528	128	187255	21.926	ng/u1	0.00
24) 2-Nitrophenol-d4	9.240	143	204988	23.341	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.775	165	379251	22.930	ng/u1	0.00
31) 4-Chloroaniline-d4	10.293	131	489261	19.540	ng/u1	0.00
46) Dimethylphthalate-d6	13.469	166	1052486	20.447	ng/u1	0.00
49) Acenaphthylene-d8	13.728	160	1245534	21.509	ng/u1	0.00
54) 4-Nitrophenol-d4	14.275	143	194502	18.412	ng/u1	0.00
60) Fluorene-d10	15.045	176	919498	21.077	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.181	200	177716	21.196	ng/u1	0.00
73) Anthracene-d10	16.898	188	1396829	21.128	ng/u1	0.00
81) Pyrene-d10	19.204	212	1643983	21.195	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.557	264	1910316	22.186	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.034	88	53176	7.853	ng/uL	92
5) Pyridine	3.411	79	348512	17.850	ng/u1	88
6) Benzaldehyde	6.546	77	251937	20.531	ng/u1	90
8) Phenol	6.616	94	456492	18.860	ng/u1	92
10) Bis(2-Chloroethyl)ether	6.834	93	363290	19.312	ng/u1	92
12) 2-Chlorophenol	6.957	128	400525	21.358	ng/u1	95
13) 2-Methylphenol	7.840	108	343362	18.980	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	7.910	45	481402	17.352	ng/u1	96
16) Acetophenone	8.204	105	552777	18.242	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.199	70	261998	17.461	ng/u1#	93
18) 4-Methylphenol	8.169	108	375690	18.660	ng/u1	98
19) Hexachloroethane	8.440	117	163843	20.715	ng/u1	88
22) Nitrobenzene	8.569	77	404970	18.945	ng/u1	94
23) Isophorone	9.099	82	736939	18.695	ng/u1	95
25) 2-Nitrophenol	9.275	139	220024	22.386	ng/u1	89
26) 2,4-Dimethylphenol	9.351	107	311829	15.421	ng/u1	90
27) Bis(2-Chloroethoxy)met...	9.587	93	471863	19.455	ng/u1	96
29) 2,4-Dichlorophenol	9.804	162	369235	22.048	ng/u1	97
30) Naphthalene	10.193	128	1237831	21.120	ng/u1	100
32) 4-Chloroaniline	10.316	127	441631	17.898	ng/u1	99
33) Hexachlorobutadiene	10.481	225	239993	22.338	ng/u1	97
34) Caprolactam	11.087	113	118898m	17.832	ng/u1	
35) 4-Chloro-3-methylphenol	11.457	107	363707	18.448	ng/u1	89
36) 2-Methylnaphthalene	11.816	142	830278	20.566	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.040	142	845450	20.689	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.198	216	444189	22.339	ng/ul	97
40) Hexachlorocyclopentadiene	12.175	237	215236	17.592	ng/ul	99
41) 2,4,6-Trichlorophenol	12.451	196	287180	21.786	ng/ul	99
42) 2,4,5-Trichlorophenol	12.522	196	316342	21.847	ng/ul	99
43) 1,1'-Biphenyl	12.863	154	1075483	20.711	ng/ul	96
44) 2-Chloronaphthalene	12.898	162	861018	21.284	ng/ul	96
45) 2-Nitroaniline	13.116	65	219504	16.792	ng/ul#	83
47) Dimethylphthalate	13.516	163	1041454	19.852	ng/ul	99
48) 2,6-Dinitrotoluene	13.634	165	214655	20.779	ng/ul#	86
50) Acenaphthylene	13.757	152	1304557	20.588	ng/ul	99
51) 3-Nitroaniline	13.957	138	220855	19.346	ng/ul	87
52) Acenaphthene	14.104	153	922021	20.382	ng/ul	99
53) 2,4-Dinitrophenol	14.169	184	111359	18.327	ng/ul#	79
55) 4-Nitrophenol	14.287	109	137578	15.335	ng/ul	85
56) Dibenzofuran	14.445	168	1275738	20.622	ng/ul	97
57) 2,4-Dinitrotoluene	14.428	165	318510	20.452	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.681	232	270064	22.477	ng/ul	89
59) Diethylphthalate	14.898	149	1064682	19.421	ng/ul	96
61) Fluorene	15.098	166	1018756	20.131	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.104	204	510161	20.799	ng/ul	98
63) 4-Nitroaniline	15.134	138	235528	20.049	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.192	198	191264	20.542	ng/ul	92
67) N-Nitrosodiphenylamine	15.322	169	877685	20.828	ng/ul	96
68) 4-Bromophenyl-phenylether	15.998	248	318973	22.337	ng/ul	94
69) Hexachlorobenzene	16.104	284	381011	22.988	ng/ul	92
70) Atrazine	16.292	200	279481	18.305	ng/ul	98
71) Pentachlorophenol	16.451	266	243358	22.046	ng/ul	97
72) Phenanthrene	16.839	178	1634664	21.081	ng/ul	99
74) Anthracene	16.928	178	1595694	20.153	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.816	216	430352	21.989	ng/ul	96
76) Pentachlorobenzene	14.363	250	436843	21.921	ng/ul	96
77) Carbazole	17.210	167	1479890	20.308	ng/ul	99
78) Di-n-butylphthalate	17.798	149	1882371	20.320	ng/ul	98
80) Fluoranthene	18.869	202	1910853	21.073	ng/ul	99
82) Pyrene	19.233	202	2029065	20.815	ng/ul	96
83) Butylbenzylphthalate	20.174	149	861307	19.702	ng/ul	94
84) 3,3'-Dichlorobenzidine	20.957	252	657235	21.018	ng/ul	97
85) Benzo(a)anthracene	21.016	228	2045062	20.603	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	20.974	149	1330505	20.793	ng/ul	98
87) Chrysene	21.069	228	1966536	20.764	ng/ul	98
89) Di-n-octyl phthalate	22.016	149	2297504	20.599	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	2129084	20.833	ng/ul	99
91) Benzo(k)fluoranthene	22.951	252	2128824	21.115	ng/ul	97
93) Benzo(a)pyrene	23.615	252	2043809	21.170	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.733	276	2678083	22.388	ng/ul	98
95) Dibenzo(a,h)anthracene	26.780	278	2200844	22.761	ng/ul	98
96) Benzo(g,h,i)perylene	27.668	276	2125338	22.887	ng/ul	97

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

