

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
 Data File : BN034299.D
 Acq On : 01 Oct 2024 12:36
 Operator : RC/JU
 Sample : P4019-15MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

DDCE9MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 01 23:50:50 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	261557	20.000	ng/u1	0.00
20) Naphthalene-d8	10.146	136	1017829	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.040	164	619506	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.798	188	1208116	20.000	ng/u1	0.00
79) Chrysene-d12	21.033	240	1120974	20.000	ng/u1	0.00
88) Perylene-d12	23.739	264	1322052	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	26657	4.159	ng/uL	0.00
4) Pyridine-d5	3.387	84	204735	10.746	ng/u1	0.00
7) Phenol-d5	6.587	99	458034	19.732	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.746	67	298611	20.733	ng/u1	0.00
11) 2-Chlorophenol-d4	6.928	132	424693	23.242	ng/u1	0.00
15) 4-Methylphenol-d8	8.111	113	378142	19.798	ng/u1	0.00
21) Nitrobenzene-d5	8.534	128	199267	24.562	ng/u1	0.00
24) 2-Nitrophenol-d4	9.246	143	215799	25.868	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.781	165	406084	25.847	ng/u1	0.00
31) 4-Chloroaniline-d4	10.293	131	481184	20.230	ng/u1	0.00
46) Dimethylphthalate-d6	13.469	166	1061649	22.931	ng/u1	0.00
49) Acenaphthylene-d8	13.728	160	1258817	24.169	ng/u1	0.00
54) 4-Nitrophenol-d4	14.275	143	167909	17.672	ng/u1	0.00
60) Fluorene-d10	15.045	176	923383	23.533	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.181	200	151621	21.049	ng/u1	0.00
73) Anthracene-d10	16.898	188	1360648	23.955	ng/u1	0.00
81) Pyrene-d10	19.204	212	1571566	25.162	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.557	264	1736319	25.568	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.034	88	76473	11.310	ng/uL	89
5) Pyridine	3.405	79	476772	24.455	ng/u1	89
6) Benzaldehyde	6.546	77	363034	29.627	ng/u1	91
8) Phenol	6.616	94	636307	26.328	ng/u1	93
10) Bis(2-Chloroethyl)ether	6.834	93	523966	27.894	ng/u1	95
12) 2-Chlorophenol	6.958	128	554102	29.591	ng/u1	95
13) 2-Methylphenol	7.840	108	477334	26.424	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	7.911	45	696069	25.127	ng/u1	98
16) Acetophenone	8.205	105	758109	25.055	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.199	70	358762	23.945	ng/u1	95
18) 4-Methylphenol	8.169	108	519744	25.853	ng/u1	98
19) Hexachloroethane	8.440	117	233696	29.589	ng/u1	87
22) Nitrobenzene	8.575	77	565857	27.867	ng/u1	92
23) Isophorone	9.099	82	1015176	27.111	ng/u1	96
25) 2-Nitrophenol	9.275	139	301830	32.328	ng/u1	90
26) 2,4-Dimethylphenol	9.352	107	512503	26.681	ng/u1	91
27) Bis(2-Chloroethoxy)met...	9.587	93	674084	29.258	ng/u1	98
29) 2,4-Dichlorophenol	9.805	162	507094	31.877	ng/u1	95
30) Naphthalene	10.193	128	1677352	30.128	ng/u1	100
32) 4-Chloroaniline	10.316	127	590336	25.186	ng/u1	99
33) Hexachlorobutadiene	10.487	225	347805	34.079	ng/u1	97
34) Caprolactam	11.093	113	152844m	24.132	ng/u1	
35) 4-Chloro-3-methylphenol	11.457	107	490290	26.179	ng/u1	91
36) 2-Methylnaphthalene	11.816	142	1132025	29.519	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.046	142	1137495	29.303	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.199	216	619642	34.646	ng/ul	96
40) Hexachlorocyclopentadiene	12.181	237	327950	29.802	ng/ul	97
41) 2,4,6-Trichlorophenol	12.451	196	392339	33.091	ng/ul	97
42) 2,4,5-Trichlorophenol	12.522	196	427171	32.800	ng/ul	97
43) 1,1'-Biphenyl	12.863	154	1436225	30.751	ng/ul	97
44) 2-Chloronaphthalene	12.899	162	1124612	30.909	ng/ul	97
45) 2-Nitroaniline	13.116	65	295699	25.150	ng/ul	90
47) Dimethylphthalate	13.516	163	1364506	28.917	ng/ul	99
48) 2,6-Dinitrotoluene	13.634	165	290552	31.271	ng/ul	89
50) Acenaphthylene	13.757	152	1708454	29.977	ng/ul	99
51) 3-Nitroaniline	13.963	138	291219	28.362	ng/ul	88
52) Acenaphthene	14.104	153	1189853	29.243	ng/ul	99
53) 2,4-Dinitrophenol	14.169	184	140363	25.684	ng/ul	84
55) 4-Nitrophenol	14.287	109	174684	21.648	ng/ul	92
56) Dibenzofuran	14.445	168	1660189	29.837	ng/ul	94
57) 2,4-Dinitrotoluene	14.428	165	407263	29.075	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.681	232	351564	32.531	ng/ul	88
59) Diethylphthalate	14.904	149	1373967	27.865	ng/ul	98
61) Fluorene	15.098	166	1302142	28.608	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.104	204	651748	29.542	ng/ul	96
63) 4-Nitroaniline	15.134	138	294610m	27.883	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.193	198	246069	30.763	ng/ul	93
67) N-Nitrosodiphenylamine	15.322	169	1123871	31.045	ng/ul	99
68) 4-Bromophenyl-phenylether	15.998	248	420187	34.251	ng/ul	93
69) Hexachlorobenzene	16.104	284	497604	34.946	ng/ul	92
70) Atrazine	16.292	200	364739	27.807	ng/ul	97
71) Pentachlorophenol	16.457	266	327420	34.525	ng/ul	98
72) Phenanthrene	16.839	178	2031856	30.501	ng/ul	99
74) Anthracene	16.928	178	1989576	29.249	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.822	216	585938	34.848	ng/ul	98
76) Pentachlorobenzene	14.363	250	582579	34.029	ng/ul	99
77) Carbazole	17.210	167	1838616	29.368	ng/ul	99
78) Di-n-butylphthalate	17.798	149	2430864	30.544	ng/ul	98
80) Fluoranthene	18.869	202	2306476	31.588	ng/ul	98
82) Pyrene	19.233	202	2421927	30.855	ng/ul	96
83) Butylbenzylphthalate	20.175	149	1065273	30.262	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.957	252	736960	29.268	ng/ul	98
85) Benzo(a)anthracene	21.016	228	2359119	29.517	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	20.980	149	1622159	31.483	ng/ul#	96
87) Chrysene	21.075	228	2303213	30.202	ng/ul	99
89) Di-n-octyl phthalate	22.022	149	2746058	31.216	ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	2474784	30.703	ng/ul	97
91) Benzo(k)fluoranthene	22.951	252	2536257	31.896	ng/ul	99
93) Benzo(a)pyrene	23.616	252	2312646	30.372	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.739	276	3097776	32.835	ng/ul	96
95) Dibenzo(a,h)anthracene	26.786	278	2553441	33.483	ng/ul	97
96) Benzo(g,h,i)perylene	27.668	276	2451964	33.478	ng/ul	97

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

