

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
 Data File : BN034295.D
 Acq On : 01 Oct 2024 09:59
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020323

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 01 23:42:03 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	238162	20.000	ng/u1	0.00
20) Naphthalene-d8	10.140	136	942947	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.040	164	569546	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.798	188	1088699	20.000	ng/u1	0.00
79) Chrysene-d12	21.028	240	1042608	20.000	ng/u1	0.00
88) Perylene-d12	23.739	264	1192187	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	49021	8.399	ng/uL	0.00
4) Pyridine-d5	3.387	84	309815	17.859	ng/u1	0.00
7) Phenol-d5	6.587	99	367621	17.392	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.740	67	231927	17.685	ng/u1	0.00
11) 2-Chlorophenol-d4	6.928	132	336919	20.250	ng/u1	0.00
15) 4-Methylphenol-d8	8.105	113	295850	17.011	ng/u1	0.00
21) Nitrobenzene-d5	8.528	128	149045	19.831	ng/u1	0.00
24) 2-Nitrophenol-d4	9.240	143	158053	20.450	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.775	165	302192	20.762	ng/u1	0.00
31) 4-Chloroaniline-d4	10.293	131	402213	18.253	ng/u1	0.00
46) Dimethylphthalate-d6	13.463	166	806467	18.947	ng/u1	0.00
49) Acenaphthylene-d8	13.722	160	961737	20.085	ng/u1	0.00
54) 4-Nitrophenol-d4	14.269	143	133752	15.312	ng/u1	0.00
60) Fluorene-d10	15.046	176	690197	19.133	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.175	200	116176	17.897	ng/u1	0.00
73) Anthracene-d10	16.892	188	1024909	20.024	ng/u1	0.00
81) Pyrene-d10	19.204	212	1162001	20.003	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.551	264	1268580	20.715	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.034	88	50282	8.167	ng/uL	89
5) Pyridine	3.405	79	317250	17.871	ng/u1	97
6) Benzaldehyde	6.546	77	228665	20.495	ng/u1	91
8) Phenol	6.611	94	377921	17.173	ng/u1	94
10) Bis(2-Chloroethyl)ether	6.834	93	319202	18.663	ng/u1	93
12) 2-Chlorophenol	6.958	128	335246	19.662	ng/u1	95
13) 2-Methylphenol	7.840	108	288260	17.525	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	7.911	45	430045	17.049	ng/u1	97
16) Acetophenone	8.205	105	456524	16.570	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.193	70	213782	15.670	ng/u1#	96
18) 4-Methylphenol	8.164	108	312105	17.049	ng/u1	97
19) Hexachloroethane	8.440	117	139165	19.351	ng/u1#	83
22) Nitrobenzene	8.569	77	339666	18.056	ng/u1	92
23) Isophorone	9.099	82	604988	17.440	ng/u1	96
25) 2-Nitrophenol	9.269	139	175903	20.337	ng/u1	92
26) 2,4-Dimethylphenol	9.352	107	322065	18.099	ng/u1	91
27) Bis(2-Chloroethoxy)met...	9.581	93	402051	18.836	ng/u1	99
29) 2,4-Dichlorophenol	9.805	162	302768	20.544	ng/u1	94
30) Naphthalene	10.193	128	1022127	19.817	ng/u1	99
32) 4-Chloroaniline	10.310	127	392216	18.062	ng/u1	99
33) Hexachlorobutadiene	10.481	225	203016	21.472	ng/u1	99
34) Caprolactam	11.081	113	77547m	13.216	ng/u1	
35) 4-Chloro-3-methylphenol	11.452	107	286471	16.511	ng/u1	93
36) 2-Methylnaphthalene	11.816	142	680033	19.141	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.040	142	685673	19.066	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.199	216	363848	22.129	ng/ul	97
40) Hexachlorocyclopentadiene	12.175	237	204068	20.171	ng/ul	100
41) 2,4,6-Trichlorophenol	12.452	196	222319	20.396	ng/ul	97
42) 2,4,5-Trichlorophenol	12.522	196	258322	21.575	ng/ul	94
43) 1,1'-Biphenyl	12.863	154	870079	20.263	ng/ul	97
44) 2-Chloronaphthalene	12.893	162	680471	20.343	ng/ul	96
45) 2-Nitroaniline	13.116	65	164256	15.196	ng/ul	88
47) Dimethylphthalate	13.516	163	819601	18.893	ng/ul	99
48) 2,6-Dinitrotoluene	13.628	165	157319	18.417	ng/ul	90
50) Acenaphthylene	13.751	152	1023457	19.533	ng/ul	100
51) 3-Nitroaniline	13.957	138	162217	17.184	ng/ul	95
52) Acenaphthene	14.104	153	725920	19.406	ng/ul	97
53) 2,4-Dinitrophenol	14.169	184	64491	12.836	ng/ul#	83
55) 4-Nitrophenol	14.287	109	99050	13.352	ng/ul	90
56) Dibenzofuran	14.446	168	995138	19.454	ng/ul	94
57) 2,4-Dinitrotoluene	14.422	165	231630	17.987	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.681	232	204554	20.588	ng/ul#	87
59) Diethylphthalate	14.898	149	796935	17.580	ng/ul	99
61) Fluorene	15.098	166	789724	18.872	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.104	204	398824	19.663	ng/ul	93
63) 4-Nitroaniline	15.128	138	159840	16.455	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.193	198	133431	18.511	ng/ul	91
67) N-Nitrosodiphenylamine	15.322	169	687502	21.074	ng/ul	98
68) 4-Bromophenyl-phenylether	15.998	248	246446	22.292	ng/ul	94
69) Hexachlorobenzene	16.104	284	289002	22.523	ng/ul#	91
70) Atrazine	16.293	200	231274	19.566	ng/ul	97
71) Pentachlorophenol	16.451	266	167703	19.623	ng/ul	98
72) Phenanthrene	16.840	178	1206690	20.101	ng/ul	99
74) Anthracene	16.928	178	1256492	20.498	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.816	216	365515	24.123	ng/uL	96
76) Pentachlorobenzene	14.363	250	352863	22.872	ng/uL	90
77) Carbazole	17.210	167	1099964	19.497	ng/ul	99
78) Di-n-butylphthalate	17.792	149	1303851	18.180	ng/ul	100
80) Fluoranthene	18.869	202	1362559	20.064	ng/ul	99
82) Pyrene	19.234	202	1471760	20.159	ng/ul	95
83) Butylbenzylphthalate	20.175	149	569007	17.379	ng/ul	96
84) 3,3'-Dichlorobenzidine	20.957	252	445471	19.022	ng/ul	99
85) Benzo(a)anthracene	21.010	228	1407811	18.938	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.981	149	870145	18.157	ng/ul#	95
87) Chrysene	21.069	228	1395514	19.675	ng/ul	99
89) Di-n-octyl phthalate	22.016	149	1440835	18.163	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	1423241	19.580	ng/ul	99
91) Benzo(k)fluoranthene	22.951	252	1528891	21.322	ng/ul	96
93) Benzo(a)pyrene	23.610	252	1382546	20.135	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.727	276	1801218	21.171	ng/ul	99
95) Dibenzo(a,h)anthracene	26.780	278	1438642	20.919	ng/ul	98
96) Benzo(g,h,i)perylene	27.657	276	1408270	21.323	ng/ul	96

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

