

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
 Data File : BN034308.D
 Acq On : 01 Oct 2024 18:30
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020324

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 02 00:07:59 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	292961	20.000	ng/u1	0.00
20) Naphthalene-d8	10.145	136	1195497	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.039	164	718706	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.798	188	1415448	20.000	ng/u1	0.00
79) Chrysene-d12	21.033	240	1383596	20.000	ng/u1	0.00
88) Perylene-d12	23.745	264	1691030	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	54571	7.601	ng/uL	0.00
4) Pyridine-d5	3.393	84	380474	17.830	ng/u1	0.00
7) Phenol-d5	6.587	99	493639	18.986	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.746	67	292415	18.127	ng/u1	0.00
11) 2-Chlorophenol-d4	6.928	132	446347	21.809	ng/u1	0.00
15) 4-Methylphenol-d8	8.104	113	396303	18.524	ng/u1	0.00
21) Nitrobenzene-d5	8.534	128	206063	21.625	ng/u1	0.00
24) 2-Nitrophenol-d4	9.246	143	220351	22.488	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.775	165	397475	21.539	ng/u1	0.00
31) 4-Chloroaniline-d4	10.293	131	534289	19.125	ng/u1	0.00
46) Dimethylphthalate-d6	13.469	166	1073110	19.979	ng/u1	0.00
49) Acenaphthylene-d8	13.728	160	1300425	21.522	ng/u1	0.00
54) 4-Nitrophenol-d4	14.275	143	195961	17.777	ng/u1	0.00
60) Fluorene-d10	15.045	176	932317	20.481	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.175	200	175855	20.837	ng/u1	0.00
73) Anthracene-d10	16.898	188	1406589	21.137	ng/u1	0.00
81) Pyrene-d10	19.204	212	1644836	21.336	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.562	264	1900559	21.880	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.034	88	53359	7.046	ng/uL	91
5) Pyridine	3.411	79	362550	16.603	ng/u1	92
6) Benzaldehyde	6.546	77	288243	21.002	ng/u1	92
8) Phenol	6.616	94	479634	17.718	ng/u1	92
10) Bis(2-Chloroethyl)ether	6.834	93	379051	18.016	ng/u1	93
12) 2-Chlorophenol	6.957	128	416898	19.877	ng/u1	94
13) 2-Methylphenol	7.840	108	362932	17.938	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	7.910	45	504711	16.266	ng/u1	97
16) Acetophenone	8.204	105	570867	16.845	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.198	70	267857	15.961	ng/u1	95
18) 4-Methylphenol	8.169	108	388430	17.250	ng/u1	100
19) Hexachloroethane	8.440	117	168215	19.015	ng/u1	92
22) Nitrobenzene	8.575	77	418957	17.566	ng/u1	90
23) Isophorone	9.098	82	744976	16.938	ng/u1	96
25) 2-Nitrophenol	9.275	139	227595	20.754	ng/u1	88
26) 2,4-Dimethylphenol	9.351	107	394434	17.483	ng/u1	90
27) Bis(2-Chloroethoxy)met...	9.587	93	476673	17.615	ng/u1	97
29) 2,4-Dichlorophenol	9.804	162	381049	20.394	ng/u1	97
30) Naphthalene	10.193	128	1274107	19.484	ng/u1	99
32) 4-Chloroaniline	10.316	127	482636	17.531	ng/u1	99
33) Hexachlorobutadiene	10.487	225	254121	21.199	ng/u1	97
34) Caprolactam	11.087	113	123199m	16.561	ng/u1	
35) 4-Chloro-3-methylphenol	11.457	107	359386	16.338	ng/u1	90
36) 2-Methylnaphthalene	11.816	142	845927	18.780	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.039	142	857440	18.806	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.198	216	449809	21.679	ng/ul	96
40) Hexachlorocyclopentadiene	12.181	237	278136	21.787	ng/ul	99
41) 2,4,6-Trichlorophenol	12.451	196	283510	20.611	ng/ul	92
42) 2,4,5-Trichlorophenol	12.522	196	305982	20.252	ng/ul	97
43) 1,1'-Biphenyl	12.863	154	1086414	20.050	ng/ul	97
44) 2-Chloronaphthalene	12.898	162	863552	20.458	ng/ul	96
45) 2-Nitroaniline	13.116	65	211963	15.540	ng/ul	87
47) Dimethylphthalate	13.516	163	990531	18.095	ng/ul	98
48) 2,6-Dinitrotoluene	13.634	165	204275	18.951	ng/ul	89
50) Acenaphthylene	13.757	152	1293562	19.564	ng/ul	99
51) 3-Nitroaniline	13.957	138	216594	18.183	ng/ul	89
52) Acenaphthene	14.104	153	911284	19.305	ng/ul	100
53) 2,4-Dinitrophenol	14.169	184	146142	23.050	ng/ul#	82
55) 4-Nitrophenol	14.292	109	159326	17.020	ng/ul	88
56) Dibenzofuran	14.445	168	1248504	19.341	ng/ul	96
57) 2,4-Dinitrotoluene	14.428	165	299804	18.449	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.681	232	253821	20.245	ng/ul	92
59) Diethylphthalate	14.898	149	996303	17.417	ng/ul	98
61) Fluorene	15.098	166	990894	18.765	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.104	204	490981	19.183	ng/ul	96
63) 4-Nitroaniline	15.133	138	227821	18.585	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.192	198	176890	18.875	ng/ul	92
67) N-Nitrosodiphenylamine	15.322	169	853876	20.132	ng/ul	99
68) 4-Bromophenyl-phenylether	16.004	248	304480	21.184	ng/ul	91
69) Hexachlorobenzene	16.104	284	367569	22.033	ng/ul	91
70) Atrazine	16.292	200	296766	19.311	ng/ul	97
71) Pentachlorophenol	16.457	266	261656	23.549	ng/ul	98
72) Phenanthrene	16.839	178	1547327	19.825	ng/ul	99
74) Anthracene	16.933	178	1564641	19.633	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.822	216	446303	22.656	ng/ul	99
76) Pentachlorobenzene	14.363	250	435572	21.716	ng/ul	98
77) Carbazole	17.210	167	1383582	18.863	ng/ul	99
78) Di-n-butylphthalate	17.798	149	1723696	18.486	ng/ul	98
80) Fluoranthene	18.869	202	1753842	19.461	ng/ul	98
82) Pyrene	19.233	202	1874154	19.344	ng/ul	98
83) Butylbenzylphthalate	20.174	149	785595	18.081	ng/ul	95
84) 3,3'-Dichlorobenzidine	20.957	252	619214	19.924	ng/ul	99
85) Benzo(a)anthracene	21.015	228	1910660	19.368	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.980	149	1205462	18.955	ng/ul#	95
87) Chrysene	21.068	228	1835154	19.497	ng/ul	97
89) Di-n-octyl phthalate	22.015	149	2068885	18.387	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	1959401	19.005	ng/ul	99
91) Benzo(k)fluoranthene	22.951	252	2018703	19.848	ng/ul	99
93) Benzo(a)pyrene	23.615	252	1922594	19.740	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.733	276	2578186	21.364	ng/ul	98
95) Dibenzo(a,h)anthracene	26.792	278	2072836	21.250	ng/ul	97
96) Benzo(g,h,i)perylene	27.668	276	2002478	21.375	ng/ul	98

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

