

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022124\
 Data File : BN029953.D
 Acq On : 23 Feb 2024 11:55
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020321

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/24/2024

Supervised By :mohammad ahmed 02/24/2024

Quant Time: Feb 24 01:45:20 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Feb 21 22:34:54 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	364496	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.646	136	1547813	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.498	164	839057	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1725621	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	1563698	20.000	ng/ul	0.00
88) Perylene-d12	23.827	264	1764535	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	75116	6.778	ng/uL	0.00
4) Pyridine-d5	3.722	84	513581	17.378	ng/ul	0.00
7) Phenol-d5	7.016	99	638840	18.738	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.193	67	417466	18.347	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.375	132	497747	20.147	ng/ul	-0.01
15) 4-Methylphenol-d8	8.563	113	489590	19.255	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	243315	20.254	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.734	143	243835	23.306	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.269	165	437643	21.192	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.799	131	619673	17.589	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	1194999	19.130	ng/ul	0.00
49) Acenaphthylene-d8	14.193	160	1428288	19.253	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	214434	18.086	ng/ul	0.00
60) Fluorene-d10	15.492	176	1003870	18.890	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	159498	18.969	ng/ul	0.00
73) Anthracene-d10	17.351	188	1534797	18.978	ng/ul	0.00
81) Pyrene-d10	19.657	212	1737344	18.514	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.674	264	1652068	18.711	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	78759	6.862	ng/uL	97
5) Pyridine	3.740	79	526731	17.228	ng/ul	98
6) Benzaldehyde	6.999	77	373457m	24.437	ng/ul	
8) Phenol	7.046	94	657255	18.810	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.287	93	536821	18.271	ng/ul	99
12) 2-Chlorophenol	7.411	128	511244	19.723	ng/ul	98
13) 2-Methylphenol	8.293	108	473006	18.759	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.375	45	712947	18.579	ng/ul	100
16) Acetophenone	8.681	105	778633	19.241	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.669	70	422096	20.203	ng/ul	97
18) 4-Methylphenol	8.628	108	515635	19.353	ng/ul	98
19) Hexachloroethane	8.916	117	224019	18.624	ng/ul	95
22) Nitrobenzene	9.057	77	650785	19.120	ng/ul	99
23) Isophorone	9.587	82	1132460	19.101	ng/ul	99
25) 2-Nitrophenol	9.769	139	268018	22.433	ng/ul	98
26) 2,4-Dimethylphenol	9.828	107	540826	18.888	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.075	93	697825	18.520	ng/ul	99
29) 2,4-Dichlorophenol	10.293	162	430461	20.172	ng/ul	99
30) Naphthalene	10.699	128	1633393	18.462	ng/ul	100
32) 4-Chloroaniline	10.822	127	618136	17.773	ng/ul	98
33) Hexachlorobutadiene	10.969	225	260856	19.807	ng/ul	95
34) Caprolactam	11.604	113	137271m	19.332	ng/ul	
35) 4-Chloro-3-methylphenol	11.946	107	505605	20.513	ng/ul	99
36) 2-Methylnaphthalene	12.316	142	1043739	19.245	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.534	142	1020223	18.975	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.681	216	462601	18.600	ng/ul	96
40) Hexachlorocyclopentadiene	12.651	237	250715	15.422	ng/ul	95
41) 2,4,6-Trichlorophenol	12.928	196	310223	21.641	ng/ul	97
42) 2,4,5-Trichlorophenol	12.998	196	339209	21.059	ng/ul	97
43) 1,1'-Biphenyl	13.334	154	1287964	18.201	ng/ul	98
44) 2-Chloronaphthalene	13.369	162	1014121	18.440	ng/ul	99
45) 2-Nitroaniline	13.587	65	344928	21.333	ng/ul	98
47) Dimethylphthalate	13.969	163	1212587	18.963	ng/ul	100
48) 2,6-Dinitrotoluene	14.093	165	249529	21.807	ng/ul	99
50) Acenaphthylene	14.222	152	1666621	18.719	ng/ul	99
51) 3-Nitroaniline	14.422	138	253982	19.072	ng/ul	99
52) Acenaphthene	14.563	153	1069193	18.179	ng/ul	97
53) 2,4-Dinitrophenol	14.628	184	103547	17.832	ng/ul	92
55) 4-Nitrophenol	14.728	109	199883	18.437	ng/ul	96
56) Dibenzofuran	14.898	168	1434351	18.469	ng/ul	96
57) 2,4-Dinitrotoluene	14.881	165	352475	21.879	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.122	232	267783	23.424	ng/ul	99
59) Diethylphthalate	15.340	149	1262607	19.222	ng/ul	98
61) Fluorene	15.551	166	1155251	18.819	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.551	204	542480	19.757	ng/ul	97
63) 4-Nitroaniline	15.587	138	263066m	21.886	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.640	198	180524	19.474	ng/ul	97
67) N-Nitrosodiphenylamine	15.769	169	981964	18.261	ng/ul	99
68) 4-Bromophenyl-phenylether	16.445	248	323968	19.835	ng/ul	88
69) Hexachlorobenzene	16.545	284	362462	19.688	ng/ul	98
70) Atrazine	16.734	200	319794	19.035	ng/ul	97
71) Pentachlorophenol	16.898	266	224692	21.016	ng/ul	94
72) Phenanthrene	17.298	178	1832131	18.354	ng/ul	99
74) Anthracene	17.386	178	1890958	18.876	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.287	216	457208	18.056	ng/ul	96
76) Pentachlorobenzene	14.810	250	418112	18.440	ng/ul	97
77) Carbazole	17.663	167	1660447	18.147	ng/ul	99
78) Di-n-butylphthalate	18.239	149	2179252	19.806	ng/ul	100
80) Fluoranthene	19.316	202	2071404	18.172	ng/ul	99
82) Pyrene	19.686	202	2132273	17.682	ng/ul	94
83) Butylbenzylphthalate	20.604	149	1010373	20.558	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.386	252	505774	16.699	ng/ul	99
85) Benzo(a)anthracene	21.445	228	2151618	18.731	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	1550886	20.401	ng/ul	98
87) Chrysene	21.498	228	1957828	18.187	ng/ul	98
89) Di-n-octyl phthalate	22.322	149	2599288	19.004	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	2163549	19.466	ng/ul	98
91) Benzo(k)fluoranthene	23.157	252	2062745	18.133	ng/ul	99
93) Benzo(a)pyrene	23.721	252	1986651	18.639	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.274	276	2217845	17.088	ng/ul	96
95) Dibenzo(a,h)anthracene	26.298	278	1777778	16.778	ng/ul	97
96) Benzo(g,h,i)perylene	27.021	276	1791772	16.506	ng/ul	96

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

