

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
 Data File : BN031301.D
 Acq On : 28 Apr 2024 12:32
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020389

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/29/2024

Supervised By :mohammad ahmed 04/29/2024

Quant Time: Apr 28 22:37:51 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Apr 26 22:57:25 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	257580	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	1252656	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.263	164	884131	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	1871226	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1699508	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1848213	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	40079	7.270	ng/uL	0.00
4) Pyridine-d5	3.540	84	290688	18.308	ng/ul	0.00
7) Phenol-d5	6.793	99	384528	17.697	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.963	67	233471	18.468	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	307675	18.186	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	320185	17.522	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	164834	18.314	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	181473	19.397	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	330535	17.916	ng/ul	0.00
31) 4-Chloroaniline-d4	10.540	131	502317	17.423	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	1065193	17.313	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	1207804	17.324	ng/ul	0.00
54) 4-Nitrophenol-d4	14.487	143	212995	16.587	ng/ul	0.00
60) Fluorene-d10	15.263	176	917240	17.126	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	169237	17.926	ng/ul	0.00
73) Anthracene-d10	17.116	188	1422977	17.545	ng/ul	0.00
81) Pyrene-d10	19.422	212	1649195	19.748	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	1509668	17.225	ng/ul	-0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.170	88	40711	6.968	ng/uL	99
5) Pyridine	3.558	79	290844	18.153	ng/ul	98
6) Benzaldehyde	6.769	77	235217	22.047	ng/ul	98
8) Phenol	6.822	94	398339	17.781	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.052	93	326314	18.461	ng/ul	97
12) 2-Chlorophenol	7.181	128	321158	18.263	ng/ul	99
13) 2-Methylphenol	8.063	108	306485	17.654	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.140	45	436396	18.937	ng/ul	99
16) Acetophenone	8.440	105	517142	18.265	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.428	70	262458	18.598	ng/ul	99
18) 4-Methylphenol	8.387	108	341461	17.559	ng/ul	96
19) Hexachloroethane	8.681	117	130344	17.862	ng/ul	99
22) Nitrobenzene	8.816	77	384100	18.082	ng/ul	99
23) Isophorone	9.340	82	775901	17.899	ng/ul	99
25) 2-Nitrophenol	9.522	139	200117	19.333	ng/ul	95
26) 2,4-Dimethylphenol	9.581	107	366870	17.379	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.822	93	474914	18.036	ng/ul	99
29) 2,4-Dichlorophenol	10.046	162	326408	17.713	ng/ul	98
30) Naphthalene	10.446	128	1129832	17.404	ng/ul	99
32) 4-Chloroaniline	10.569	127	481501	17.188	ng/ul	99
33) Hexachlorobutadiene	10.722	225	196689	17.509	ng/ul	97
34) Caprolactam	11.346	113	120516	16.599	ng/ul	94
35) 4-Chloro-3-methylphenol	11.693	107	384775	18.009	ng/ul	97
36) 2-Methylnaphthalene	12.063	142	802938	17.539	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	803502	17.345	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.434	216	404996	17.506	ng/ul	97
40) Hexachlorocyclopentadiene	12.410	237	208196	16.383	ng/ul	97
41) 2,4,6-Trichlorophenol	12.687	196	278159	18.063	ng/ul	94
42) 2,4,5-Trichlorophenol	12.757	196	303366	17.769	ng/ul	99
43) 1,1'-Biphenyl	13.093	154	1066967	17.547	ng/ul	100
44) 2-Chloronaphthalene	13.134	162	836136	17.208	ng/ul	97
45) 2-Nitroaniline	13.351	65	250178	18.651	ng/ul	99
47) Dimethylphthalate	13.734	163	1095170	17.255	ng/ul	99
48) 2,6-Dinitrotoluene	13.851	165	223338	18.745	ng/ul	98
50) Acenaphthylene	13.987	152	1403120	17.229	ng/ul	100
51) 3-Nitroaniline	14.187	138	249776	18.261	ng/ul	95
52) Acenaphthene	14.328	153	911212	16.878	ng/ul	98
53) 2,4-Dinitrophenol	14.392	184	109469	16.247	ng/ul	98
55) 4-Nitrophenol	14.498	109	168102	16.130	ng/ul	94
56) Dibenzofuran	14.669	168	1268027	16.988	ng/ul	97
57) 2,4-Dinitrotoluene	14.645	165	333821	18.440	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.898	232	260486	17.654	ng/ul	90
59) Diethylphthalate	15.098	149	1115785	17.094	ng/ul	99
61) Fluorene	15.322	166	1025217	16.690	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.316	204	493073	16.852	ng/ul	98
63) 4-Nitroaniline	15.351	138	260540m	17.667	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.404	198	190773	18.819	ng/ul#	99
67) N-Nitrosodiphenylamine	15.534	169	898611	17.917	ng/ul	99
68) 4-Bromophenyl-phenylether	16.210	248	324214	18.321	ng/ul	94
69) Hexachlorobenzene	16.316	284	366113	17.946	ng/ul	98
70) Atrazine	16.492	200	315619	17.924	ng/ul	98
71) Pentachlorophenol	16.669	266	227285	17.148	ng/ul	99
72) Phenanthrene	17.057	178	1699734	17.174	ng/ul	100
74) Anthracene	17.151	178	1697507	16.948	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.051	216	410318	18.695	ng/uL	97
76) Pentachlorobenzene	14.581	250	413464	18.242	ng/uL	96
77) Carbazole	17.428	167	1609426	17.591	ng/ul	97
78) Di-n-butylphthalate	17.992	149	1997542	17.912	ng/ul	99
80) Fluoranthene	19.080	202	2000629	20.241	ng/ul	98
82) Pyrene	19.451	202	2072473	19.956	ng/ul	98
83) Butylbenzylphthalate	20.363	149	931863	20.336	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.174	252	642638	18.147	ng/ul	89
85) Benzo(a)anthracene	21.239	228	2027604	17.569	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.163	149	1328340	19.307	ng/ul	98
87) Chrysene	21.298	228	1920323	17.530	ng/ul	99
89) Di-n-octyl phthalate	22.263	149	2315694	21.737	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	1946569	18.719	ng/ul	99
91) Benzo(k)fluoranthene	23.292	252	1911838	18.279	ng/ul	99
93) Benzo(a)pyrene	24.010	252	1783826	17.195	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.386	276	1913439	14.864	ng/ul	97
95) Dibenzo(a,h)anthracene	27.433	278	1583662m	14.988	ng/ul	
96) Benzo(g,h,i)perylene	28.392	276	1510274	14.568	ng/ul	97

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

