

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
 Data File : BN031194.D
 Acq On : 24 Apr 2024 18:50
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020380

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 23:15:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	157852	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.410	136	725522	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	488664	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	1089760	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1171221	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	1314192	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	26582	7.868	ng/uL	0.00
4) Pyridine-d5	3.546	84	201614	20.720	ng/u1	0.00
7) Phenol-d5	6.805	99	265863	19.966	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	158708	20.486	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.163	132	213641	20.606	ng/u1	0.00
15) 4-Methylphenol-d8	8.334	113	222088	19.832	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	111370	21.365	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	112281	20.721	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	225912	21.142	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	339896	20.355	ng/u1	-0.01
46) Dimethylphthalate-d6	13.692	166	676835	19.904	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	808380	20.978	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	136300	19.204	ng/u1	0.00
60) Fluorene-d10	15.275	176	611031	20.641	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	95885	17.440	ng/u1	0.00
73) Anthracene-d10	17.128	188	981192	20.773	ng/u1	0.00
81) Pyrene-d10	19.427	212	1254056	21.790	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	1286420	20.642	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	27908	7.794	ng/uL	93
5) Pyridine	3.569	79	203976	20.774	ng/u1	97
6) Benzaldehyde	6.781	77	159705	24.426	ng/u1	97
8) Phenol	6.834	94	276478	20.139	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.063	93	222767	20.566	ng/u1	99
12) 2-Chlorophenol	7.193	128	226575	21.024	ng/u1	99
13) 2-Methylphenol	8.069	108	211680	19.897	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.152	45	296341	20.984	ng/u1	99
16) Acetophenone	8.452	105	353488	20.373	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.434	70	170015	19.659	ng/u1	99
18) 4-Methylphenol	8.399	108	236471	19.843	ng/u1	95
19) Hexachloroethane	8.693	117	93119	20.823	ng/u1	92
22) Nitrobenzene	8.828	77	262681	21.351	ng/u1	100
23) Isophorone	9.346	82	490178	19.523	ng/u1	99
25) 2-Nitrophenol	9.534	139	127531	21.273	ng/u1	97
26) 2,4-Dimethylphenol	9.593	107	251365	20.559	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.834	93	316602	20.760	ng/u1	98
29) 2,4-Dichlorophenol	10.057	162	227508	21.316	ng/u1	98
30) Naphthalene	10.457	128	791002	21.037	ng/u1	99
32) 4-Chloroaniline	10.581	127	334000	20.585	ng/u1	100
33) Hexachlorobutadiene	10.734	225	136345	20.956	ng/u1	99
34) Caprolactam	11.357	113	72905	17.337	ng/u1	97
35) 4-Chloro-3-methylphenol	11.704	107	249632	20.173	ng/u1	97
36) 2-Methylnaphthalene	12.075	142	548904	20.701	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	550984	20.536	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.445	216	272920	21.344	ng/ul	97
40) Hexachlorocyclopentadiene	12.422	237	111225	15.835	ng/ul	96
41) 2,4,6-Trichlorophenol	12.698	196	176130	20.694	ng/ul	91
42) 2,4,5-Trichlorophenol	12.769	196	195829	20.752	ng/ul	97
43) 1,1'-Biphenyl	13.104	154	708950	21.095	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	570954	21.260	ng/ul	99
45) 2-Nitroaniline	13.363	65	153771	20.741	ng/ul	96
47) Dimethylphthalate	13.740	163	698897	19.922	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	135853	20.630	ng/ul	97
50) Acenaphthylene	13.998	152	939278	20.867	ng/ul	99
51) 3-Nitroaniline	14.192	138	155997	20.635	ng/ul	95
52) Acenaphthene	14.339	153	611020	20.477	ng/ul	96
53) 2,4-Dinitrophenol	14.398	184	53063	14.249	ng/ul	95
55) 4-Nitrophenol	14.504	109	109507	19.012	ng/ul	95
56) Dibenzofuran	14.675	168	864923	20.965	ng/ul	98
57) 2,4-Dinitrotoluene	14.651	165	206092	20.597	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	14.904	232	167233	20.506	ng/ul	97
59) Diethylphthalate	15.110	149	728268	20.186	ng/ul	100
61) Fluorene	15.328	166	707673	20.844	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.328	204	331753	20.515	ng/ul	96
63) 4-Nitroaniline	15.363	138	175960m	21.588	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	105852	17.930	ng/ul	98
67) N-Nitrosodiphenylamine	15.545	169	602261	20.619	ng/ul	100
68) 4-Bromophenyl-phenylether	16.222	248	218025	21.155	ng/ul	95
69) Hexachlorobenzene	16.328	284	246494	20.747	ng/ul	98
70) Atrazine	16.504	200	204220	19.914	ng/ul	94
71) Pentachlorophenol	16.675	266	152754	19.789	ng/ul	97
72) Phenanthrene	17.069	178	1185937	20.575	ng/ul	98
74) Anthracene	17.157	178	1219974	20.915	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	271451	21.236	ng/uL	97
76) Pentachlorobenzene	14.592	250	274677	20.809	ng/uL	98
77) Carbazole	17.433	167	1158369	21.740	ng/ul	99
78) Di-n-butylphthalate	18.004	149	1347392	20.746	ng/ul	100
80) Fluoranthene	19.092	202	1463457	21.485	ng/ul	98
82) Pyrene	19.457	202	1589976	22.216	ng/ul	99
83) Butylbenzylphthalate	20.369	149	657443	20.819	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.180	252	490605	20.103	ng/ul	96
85) Benzo(a)anthracene	21.245	228	1668360	20.977	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.174	149	991337	20.907	ng/ul	97
87) Chrysene	21.304	228	1564569	20.724	ng/ul	97
89) Di-n-octyl phthalate	22.274	149	1738785	22.954	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	1646533	22.267	ng/ul	98
91) Benzo(k)fluoranthene	23.304	252	1638669	22.034	ng/ul	99
93) Benzo(a)pyrene	24.021	252	1539088	20.864	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.404	276	1674142	18.289	ng/ul	99
95) Dibenzo(a,h)anthracene	27.468	278	1382079	18.395	ng/ul	96
96) Benzo(g,h,i)perylene	28.427	276	1303062	17.677	ng/ul	98

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

