

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031192.D
 Acq On : 24 Apr 2024 17:26
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020379

Quant Time: Apr 24 18:02:52 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :Sohil Jodhani 04/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	179155	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.410	136	795833	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	527243	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	1161469	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	1246706	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	1407727	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	32003	8.346	ng/uL	0.00
4) Pyridine-d5	3.552	84	222142	20.115	ng/ul	0.00
7) Phenol-d5	6.805	99	304133	20.124	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	178995	20.357	ng/ul	0.00
11) 2-Chlorophenol-d4	7.164	132	243966	20.733	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	245547	19.320	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	123041	21.518	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	127231	21.406	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	254792	21.738	ng/ul	0.00
31) 4-Chloroaniline-d4	10.552	131	371945	20.306	ng/ul	-0.01
46) Dimethylphthalate-d6	13.693	166	734962	20.032	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	880508	21.178	ng/ul	0.00
54) 4-Nitrophenol-d4	14.493	143	149918	19.577	ng/ul	0.00
60) Fluorene-d10	15.275	176	657390	20.582	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	103363	17.639	ng/ul	0.00
73) Anthracene-d10	17.128	188	1050578	20.869	ng/ul	0.00
81) Pyrene-d10	19.428	212	1351537	22.061	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	1405032	21.047	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.176	88	30432	7.489	ng/uL	97
5) Pyridine	3.570	79	230834	20.714	ng/ul	98
6) Benzaldehyde	6.781	77	179635m	24.207	ng/ul	
8) Phenol	6.834	94	315273	20.234	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.064	93	251493	20.457	ng/ul	99
12) 2-Chlorophenol	7.193	128	255615	20.898	ng/ul	99
13) 2-Methylphenol	8.075	108	238594	19.760	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.152	45	333636	20.815	ng/ul	100
16) Acetophenone	8.452	105	390380	19.824	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.434	70	187209	19.073	ng/ul	98
18) 4-Methylphenol	8.399	108	262792	19.430	ng/ul	97
19) Hexachloroethane	8.693	117	104942	20.676	ng/ul	99
22) Nitrobenzene	8.828	77	292383	21.665	ng/ul	99
23) Isophorone	9.352	82	547238	19.870	ng/ul	99
25) 2-Nitrophenol	9.534	139	141551	21.525	ng/ul	96
26) 2,4-Dimethylphenol	9.593	107	275234	20.523	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.834	93	344777	20.610	ng/ul	99
29) 2,4-Dichlorophenol	10.058	162	251159	21.453	ng/ul	98
30) Naphthalene	10.457	128	876476	21.251	ng/ul	99
32) 4-Chloroaniline	10.575	127	365980	20.563	ng/ul	98
33) Hexachlorobutadiene	10.734	225	152873	21.420	ng/ul	99
34) Caprolactam	11.357	113	79910	17.324	ng/ul	96
35) 4-Chloro-3-methylphenol	11.704	107	273230	20.129	ng/ul	96
36) 2-Methylnaphthalene	12.075	142	593017	20.389	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.299	142	598826	20.347	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.451	216	299918	21.739	ng/ul	95
40) Hexachlorocyclopentadiene	12.428	237	126166	16.648	ng/ul	97
41) 2,4,6-Trichlorophenol	12.699	196	201720	21.966	ng/ul	93
42) 2,4,5-Trichlorophenol	12.769	196	216872	21.301	ng/ul	99
43) 1,1'-Biphenyl	13.104	154	776292	21.408	ng/ul	99
44) 2-Chloronaphthalene	13.146	162	621651	21.454	ng/ul	98
45) 2-Nitroaniline	13.363	65	170427	21.305	ng/ul	98
47) Dimethylphthalate	13.740	163	753648	19.911	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	148478	20.897	ng/ul	93
50) Acenaphthylene	13.998	152	1030376	21.216	ng/ul	99
51) 3-Nitroaniline	14.193	138	172574	21.157	ng/ul	99
52) Acenaphthene	14.340	153	671840	20.868	ng/ul	97
53) 2,4-Dinitrophenol	14.398	184	58517	14.563	ng/ul	94
55) 4-Nitrophenol	14.504	109	120382	19.371	ng/ul	98
56) Dibenzofuran	14.675	168	935523	21.017	ng/ul	99
57) 2,4-Dinitrotoluene	14.651	165	225142	20.854	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.904	232	187001	21.252	ng/ul	96
59) Diethylphthalate	15.110	149	783243	20.121	ng/ul	99
61) Fluorene	15.328	166	746472	20.378	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.328	204	361231	20.703	ng/ul	99
63) 4-Nitroaniline	15.363	138	188867	21.476	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.416	198	118627	18.853	ng/ul	96
67) N-Nitrosodiphenylamine	15.545	169	665855	21.389	ng/ul	96
68) 4-Bromophenyl-phenylether	16.222	248	231907	21.113	ng/ul	97
69) Hexachlorobenzene	16.328	284	265121	20.937	ng/ul	98
70) Atrazine	16.504	200	226607	20.733	ng/ul	96
71) Pentachlorophenol	16.681	266	167412	20.349	ng/ul	98
72) Phenanthrene	17.069	178	1265746	20.604	ng/ul	98
74) Anthracene	17.163	178	1303127	20.961	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.063	216	294459	21.614	ng/uL	95
76) Pentachlorobenzene	14.593	250	293166	20.839	ng/uL	97
77) Carbazole	17.439	167	1206714	21.249	ng/ul	97
78) Di-n-butylphthalate	18.004	149	1449590	20.942	ng/ul	99
80) Fluoranthene	19.092	202	1581822	21.817	ng/ul	99
82) Pyrene	19.457	202	1670059	21.922	ng/ul	100
83) Butylbenzylphthalate	20.369	149	725260	21.576	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.180	252	545300	20.991	ng/ul	94
85) Benzo(a)anthracene	21.245	228	1759821	20.787	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.175	149	1069379	21.188	ng/ul	99
87) Chrysene	21.310	228	1690120	21.032	ng/ul	97
89) Di-n-octyl phthalate	22.275	149	1896402	23.371	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	1753388	22.137	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	1803846	22.643	ng/ul	95
93) Benzo(a)pyrene	24.027	252	1674179	21.188	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.404	276	1788991m	18.245	ng/ul	
95) Dibenzo(a,h)anthracene	27.462	278	1516464	18.843	ng/ul	99
96) Benzo(g,h,i)perylene	28.427	276	1443322	18.279	ng/ul	94

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

