

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
 Data File : BN015940.D
 Acq On : 18 Aug 2021 16:53
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020256

Manual Integrations
 APPROVED

mohammad
 8/19/2021 1:25:48 PM

Quant Time: Aug 18 17:28:05 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 17 09:43:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	281225	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	1172498	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	753957	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	1569952	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1523367	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	1479808	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	54954	7.612	ng/uL	0.00
4) Pyridine-d5	3.746	84	384754	19.069	ng/u1	0.00
7) Phenol-d5	7.058	99	497358	19.551	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	291064	18.584	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	380975	21.047	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	401229	20.279	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	188375	21.829	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	202224	25.038	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	388836	22.248	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	533497	20.053	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	1119438	20.259	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	1347822	19.478	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	195106	19.964	ng/u1	0.00
60) Fluorene-d10	15.539	176	973735	20.203	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	155255	18.517	ng/u1	0.00
73) Anthracene-d10	17.398	188	1508002	20.493	ng/u1	0.00
81) Pyrene-d10	19.692	212	1619614	19.739	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.757	264	1618211	20.225	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	55682	7.503	ng/uL	88
5) Pyridine	3.764	79	392020	18.845	ng/u1	98
6) Benzaldehyde	7.040	77	228365	17.447	ng/u1	99
8) Phenol	7.087	94	514969	19.858	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.322	93	404964	19.933	ng/u1	99
12) 2-Chlorophenol	7.463	128	394418	21.199	ng/u1	97
13) 2-Methylphenol	8.346	108	380792	20.046	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.434	45	496559	19.139	ng/u1	98
16) Acetophenone	8.728	105	639075	20.016	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.710	70	331160	21.240	ng/u1	98
18) 4-Methylphenol	8.675	108	420629	20.689	ng/u1	96
19) Hexachloroethane	8.987	117	171327	20.278	ng/u1	90
22) Nitrobenzene	9.104	77	522894	21.428	ng/u1	98
23) Isophorone	9.634	82	911172	21.463	ng/u1	99
25) 2-Nitrophenol	9.822	139	217720	24.719	ng/u1	98
26) 2,4-Dimethylphenol	9.881	107	480636	20.430	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.122	93	555397	21.300	ng/u1	95
29) 2,4-Dichlorophenol	10.357	162	376757	21.864	ng/u1	98
30) Naphthalene	10.763	128	1313791	20.921	ng/u1	99
32) 4-Chloroaniline	10.869	127	524061	19.953	ng/u1	98
33) Hexachlorobutadiene	11.051	225	276056	20.850	ng/u1	98
34) Caprolactam	11.628	113	119403	22.116	ng/u1	89
35) 4-Chloro-3-methylphenol	11.998	107	455380	22.310	ng/u1	99
36) 2-Methylnaphthalene	12.375	142	914254	20.936	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	876266	20.160	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.740	216	501922	20.578	ng/ul	99
40) Hexachlorocyclopentadiene	12.722	237	272747	17.248	ng/ul	99
41) 2,4,6-Trichlorophenol	12.981	196	310166	23.256	ng/ul	97
42) 2,4,5-Trichlorophenol	13.051	196	321321	22.067	ng/ul	98
43) 1,1'-Biphenyl	13.381	154	1187567	20.370	ng/ul	100
44) 2-Chloronaphthalene	13.422	162	933679	20.740	ng/ul	97
45) 2-Nitroaniline	13.628	65	288996	22.656	ng/ul	99
47) Dimethylphthalate	14.004	163	1155807	21.101	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	232340	23.422	ng/ul	93
50) Acenaphthylene	14.269	152	1396887	21.235	ng/ul	99
51) 3-Nitroaniline	14.451	138	194317	18.219	ng/ul	95
52) Acenaphthene	14.616	153	1005797	21.139	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	94134	17.079	ng/ul	97
55) 4-Nitrophenol	14.757	109	196037	20.500	ng/ul	94
56) Dibenzofuran	14.945	168	1368475	20.804	ng/ul	98
57) 2,4-Dinitrotoluene	14.910	165	330643	23.142	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.175	232	288299	23.928	ng/ul	98
59) Diethylphthalate	15.369	149	1165306	21.276	ng/ul	99
61) Fluorene	15.598	166	1131529	21.080	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.592	204	592505	21.167	ng/ul	95
63) 4-Nitroaniline	15.610	138	201007	19.669	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.669	198	165833	19.886	ng/ul#	94
67) N-Nitrosodiphenylamine	15.804	169	942386	20.566	ng/ul	98
68) 4-Bromophenyl-phenylether	16.486	248	366627	21.762	ng/ul	99
69) Hexachlorobenzene	16.604	284	418905	21.278	ng/ul	95
70) Atrazine	16.757	200	345309	20.776	ng/ul	97
71) Pentachlorophenol	16.945	266	209974	19.011	ng/ul	98
72) Phenanthrene	17.339	178	1761014	20.634	ng/ul	100
74) Anthracene	17.433	178	1791618	20.562	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	502935	20.338	ng/ul	93
76) Pentachlorobenzene	14.869	250	489133	20.320	ng/ul	97
77) Carbazole	17.698	167	1484450	19.377	ng/ul	98
78) Di-n-butylphthalate	18.275	149	1960667	22.509	ng/ul	97
80) Fluoranthene	19.357	202	2064773	20.798	ng/ul	99
82) Pyrene	19.722	202	2122117	20.538	ng/ul	98
83) Butylbenzylphthalate	20.622	149	829372	23.869	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.404	252	567633	18.197	ng/ul	97
85) Benzo(a)anthracene	21.474	228	1996611	20.370	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.404	149	1211556	21.986	ng/ul	98
87) Chrysene	21.527	228	1955380	20.605	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	1992715	21.276	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	2034870	20.916	ng/ul	99
91) Benzo(k)fluoranthene	23.221	252	1973242	20.371	ng/ul	100
93) Benzo(a)pyrene	23.804	252	1820765	20.674	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.427	276	2226306	20.388	ng/ul	97
95) Dibenzo(a,h)anthracene	26.451	278	1875442	20.804	ng/ul	97
96) Benzo(g,h,i)perylene	27.204	276	1758464m	19.476	ng/ul	

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

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