

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
 Data File : BN015897.D
 Acq On : 17 Aug 2021 13:12
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020253

Quant Time: Aug 17 14:13:49 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	7.899	152	299900	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	1211319	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	755738	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	1597793	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1573358	20.000	ng/u1	0.00
88) Perylene-d12	23.910	264	1513288	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	60853	7.904	ng/uL	0.00
4) Pyridine-d5	3.740	84	407879	18.956	ng/u1	0.00
7) Phenol-d5	7.052	99	523743	19.307	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	324267	19.414	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	401539	20.802	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	421893	19.995	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	191982	21.534	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	194788	23.345	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	396381	21.953	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	562516	20.467	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	1186777	21.427	ng/u1	0.00
49) Acenaphthylene-d8	14.239	160	1445250	20.836	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	196946	20.105	ng/u1	0.00
60) Fluorene-d10	15.539	176	1019975	21.112	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	167790	19.664	ng/u1	0.00
73) Anthracene-d10	17.398	188	1560409	20.836	ng/u1	0.00
81) Pyrene-d10	19.692	212	1761900	20.790	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.751	264	1792312	21.905	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	64759	8.182	ng/uL	89
5) Pyridine	3.764	79	421249	18.989	ng/u1	94
6) Benzaldehyde	7.034	77	247488	17.731	ng/u1	99
8) Phenol	7.081	94	550017	19.889	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.322	93	440662	20.339	ng/u1	98
12) 2-Chlorophenol	7.463	128	417300	21.032	ng/u1	99
13) 2-Methylphenol	8.340	108	405544	20.020	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.434	45	552530	19.970	ng/u1	99
16) Acetophenone	8.728	105	675425	19.837	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.710	70	344690	20.731	ng/u1	98
18) 4-Methylphenol	8.669	108	426409	19.668	ng/u1	88
19) Hexachloroethane	8.987	117	194997	21.642	ng/u1	91
22) Nitrobenzene	9.104	77	556196	22.062	ng/u1	100
23) Isophorone	9.628	82	940549	21.445	ng/u1	98
25) 2-Nitrophenol	9.822	139	217381	23.890	ng/u1	99
26) 2,4-Dimethylphenol	9.881	107	515564	21.213	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.116	93	592129	21.980	ng/u1	97
29) 2,4-Dichlorophenol	10.351	162	394742	22.173	ng/u1	100
30) Naphthalene	10.763	128	1399033	21.565	ng/u1	98
32) 4-Chloroaniline	10.869	127	553228	20.388	ng/u1	97
33) Hexachlorobutadiene	11.051	225	302434	22.110	ng/u1	98
34) Caprolactam	11.622	113	113124	20.281	ng/u1	97
35) 4-Chloro-3-methylphenol	11.993	107	465289	22.065	ng/u1	99
36) 2-Methylnaphthalene	12.375	142	957859	21.232	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.592	142	918025	20.443	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.745	216	523040	21.393	ng/ul	98
40) Hexachlorocyclopentadiene	12.728	237	329794	20.806	ng/ul	98
41) 2,4,6-Trichlorophenol	12.975	196	302924	22.660	ng/ul	95
42) 2,4,5-Trichlorophenol	13.045	196	325827	22.324	ng/ul	95
43) 1,1'-Biphenyl	13.387	154	1243261	21.275	ng/ul	99
44) 2-Chloronaphthalene	13.422	162	992524	21.996	ng/ul	97
45) 2-Nitroaniline	13.622	65	291852	22.826	ng/ul	96
47) Dimethylphthalate	14.004	163	1243680	22.652	ng/ul	98
48) 2,6-Dinitrotoluene	14.122	165	235264	23.661	ng/ul	97
50) Acenaphthylene	14.269	152	1437856	21.807	ng/ul	99
51) 3-Nitroaniline	14.445	138	197610	18.484	ng/ul	90
52) Acenaphthene	14.616	153	1028001	21.555	ng/ul	97
53) 2,4-Dinitrophenol	14.651	184	111122	20.114	ng/ul	95
55) 4-Nitrophenol	14.745	109	201692	21.042	ng/ul	98
56) Dibenzofuran	14.945	168	1438443	21.816	ng/ul	98
57) 2,4-Dinitrotoluene	14.910	165	339756	23.724	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.175	232	292333	24.206	ng/ul	96
59) Diethylphthalate	15.369	149	1265446	23.050	ng/ul	99
61) Fluorene	15.598	166	1166516	21.680	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.592	204	614679	21.908	ng/ul	99
63) 4-Nitroaniline	15.610	138	198235	19.352	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.669	198	190246	22.416	ng/ul	97
67) N-Nitrosodiphenylamine	15.804	169	949764	20.365	ng/ul	96
68) 4-Bromophenyl-phenylether	16.486	248	381838	22.270	ng/ul	96
69) Hexachlorobenzene	16.604	284	442735	22.096	ng/ul	95
70) Atrazine	16.757	200	367431	21.721	ng/ul	98
71) Pentachlorophenol	16.945	266	234568	20.868	ng/ul	97
72) Phenanthrene	17.339	178	1856424	21.372	ng/ul	99
74) Anthracene	17.433	178	1880603	21.207	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.351	216	517480	20.561	ng/ul	97
76) Pentachlorobenzene	14.869	250	512336	20.914	ng/ul	94
77) Carbazole	17.698	167	1590289	20.396	ng/ul	99
78) Di-n-butylphthalate	18.269	149	1984934	22.390	ng/ul	99
80) Fluoranthene	19.357	202	2212347	21.577	ng/ul	98
82) Pyrene	19.722	202	2252381	21.106	ng/ul	97
83) Butylbenzylphthalate	20.621	149	852798	23.764	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.404	252	624509	19.384	ng/ul	95
85) Benzo(a)anthracene	21.468	228	2137311	21.113	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.404	149	1322330	23.234	ng/ul	96
87) Chrysene	21.527	228	2081010	21.232	ng/ul	98
89) Di-n-octyl phthalate	22.339	149	2110774	22.038	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	2149475	21.605	ng/ul	99
91) Benzo(k)fluoranthene	23.221	252	2246764	22.681	ng/ul	98
93) Benzo(a)pyrene	23.804	252	1994258	22.143	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.427	276	2446415	21.908	ng/ul	100
95) Dibenzo(a,h)anthracene	26.439	278	2039127	22.119	ng/ul	99
96) Benzo(g,h,i)perylene	27.198	276	2022844	21.909	ng/ul	99

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

