

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081621\
 Data File : BN015881.D
 Acq On : 16 Aug 2021 16:54
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV207

Manual Integrations
 APPROVED

mohammad

8/17/2021 1:22:38 PM

Quant Time: Aug 16 17:25:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 16 16:09:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	280644	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	1163438	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	724844	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	1504650	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1467538	20.000	ng/u1	0.00
88) Perylene-d12	23.910	264	1427334	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	58890	8.174	ng/uL	0.00
4) Pyridine-d5	3.740	84	393862	19.560	ng/u1	0.00
7) Phenol-d5	7.058	99	496249	19.548	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	312355	19.984	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	388287	21.495	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	396038	20.058	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	182612	21.326	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	182352	22.754	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	362367	20.895	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	532110	20.157	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	1119877	21.081	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	1349616	20.287	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	190657	20.292	ng/u1	0.00
60) Fluorene-d10	15.545	176	963042	20.783	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	158536	19.729	ng/u1	0.00
73) Anthracene-d10	17.398	188	1452235	20.592	ng/u1	0.00
81) Pyrene-d10	19.692	212	1649084	20.862	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.751	264	1661194	21.525	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	61662	8.326	ng/uL	88
5) Pyridine	3.758	79	409420	19.722	ng/u1	94
6) Benzaldehyde	7.034	77	231145	17.696	ng/u1	97
8) Phenol	7.081	94	516075	19.942	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.322	93	419029	20.668	ng/u1	96
12) 2-Chlorophenol	7.463	128	399468	21.515	ng/u1	97
13) 2-Methylphenol	8.340	108	384391	20.277	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.440	45	532793	20.578	ng/u1	97
16) Acetophenone	8.722	105	653662	20.515	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.710	70	327974	21.079	ng/u1	95
18) 4-Methylphenol	8.669	108	412930	20.353	ng/u1	97
19) Hexachloroethane	8.987	117	182111	21.599	ng/u1	97
22) Nitrobenzene	9.105	77	529844	21.882	ng/u1	98
23) Isophorone	9.634	82	915503	21.733	ng/u1	98
25) 2-Nitrophenol	9.822	139	203335	23.266	ng/u1	99
26) 2,4-Dimethylphenol	9.881	107	485757	20.809	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.122	93	549554	21.240	ng/u1	97
29) 2,4-Dichlorophenol	10.352	162	364939	21.343	ng/u1	96
30) Naphthalene	10.763	128	1298456	20.838	ng/u1	100
32) 4-Chloroaniline	10.869	127	524953	20.142	ng/u1	98
33) Hexachlorobutadiene	11.052	225	285149	21.704	ng/u1	96
34) Caprolactam	11.622	113	106815m	19.938	ng/u1	
35) 4-Chloro-3-methylphenol	11.993	107	432144	21.337	ng/u1	94
36) 2-Methylnaphthalene	12.375	142	907884	20.952	ng/u1	98

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37) 1-Methylnaphthalene	12.593	142	855195	19.828	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.746	216	502056	21.410	ng/ul	95
40) Hexachlorocyclopentadiene	12.728	237	300676	19.778	ng/ul	98
41) 2,4,6-Trichlorophenol	12.981	196	286557	22.349	ng/ul	98
42) 2,4,5-Trichlorophenol	13.051	196	306108	21.867	ng/ul	98
43) 1,1'-Biphenyl	13.387	154	1154584	20.599	ng/ul	95
44) 2-Chloronaphthalene	13.428	162	931541	21.524	ng/ul	98
45) 2-Nitroaniline	13.628	65	270752	22.078	ng/ul	97
47) Dimethylphthalate	14.004	163	1131019	21.478	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	221131	23.188	ng/ul	91
50) Acenaphthylene	14.275	152	1400990	22.153	ng/ul	99
51) 3-Nitroaniline	14.445	138	187405	18.277	ng/ul	97
52) Acenaphthene	14.616	153	971754	21.244	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	101742	19.201	ng/ul	91
55) 4-Nitrophenol	14.745	109	188648	20.520	ng/ul	99
56) Dibenzofuran	14.951	168	1319670	20.867	ng/ul	100
57) 2,4-Dinitrotoluene	14.904	165	323189	23.529	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.175	232	264740	22.855	ng/ul	99
59) Diethylphthalate	15.369	149	1179740	22.404	ng/ul	98
61) Fluorene	15.598	166	1100614	21.327	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.598	204	582960	21.663	ng/ul	94
63) 4-Nitroaniline	15.610	138	188324	19.169	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.669	198	168308	21.059	ng/ul#	95
67) N-Nitrosodiphenylamine	15.804	169	922040	20.995	ng/ul	98
68) 4-Bromophenyl-phenylether	16.492	248	351629	21.778	ng/ul	98
69) Hexachlorobenzene	16.604	284	407341	21.588	ng/ul	98
70) Atrazine	16.757	200	346854	21.774	ng/ul	99
71) Pentachlorophenol	16.945	266	211396	19.971	ng/ul	94
72) Phenanthrene	17.339	178	1766152	21.592	ng/ul	99
74) Anthracene	17.434	178	1797144	21.520	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.351	216	483740	20.411	ng/ul	97
76) Pentachlorobenzene	14.869	250	479122	20.768	ng/ul	93
77) Carbazole	17.698	167	1515235	20.637	ng/ul	98
78) Di-n-butylphthalate	18.275	149	1911059	22.891	ng/ul	98
80) Fluoranthene	19.357	202	2097530	21.932	ng/ul	99
82) Pyrene	19.722	202	2097349	21.071	ng/ul	98
83) Butylbenzylphthalate	20.622	149	800932	23.928	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.404	252	624857	20.793	ng/ul	99
85) Benzo(a)anthracene	21.469	228	2031732	21.517	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.404	149	1217296	22.931	ng/ul	96
87) Chrysene	21.522	228	1954347	21.378	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	1976819	21.882	ng/ul	100
90) Benzo(b)fluoranthene	23.169	252	2082685	22.194	ng/ul	99
91) Benzo(k)fluoranthene	23.221	252	1976145	21.151	ng/ul	99
93) Benzo(a)pyrene	23.804	252	1858507	21.879	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.421	276	2298400	21.822	ng/ul	99
95) Dibenzo(a,h)anthracene	26.445	278	1914962	22.023	ng/ul	99
96) Benzo(g,h,i)perylene	27.192	276	1891701	21.722	ng/ul	100

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

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