

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021622\
 Data File : BN018624.D
 Acq On : 16 Feb 2022 17:13
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV237

Quant Time: Feb 17 00:57:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 16 16:48:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 02/17/2022

Supervised By :mohammad
 ahmed
 02/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	155559	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	594981	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	343759	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	630033	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	576044	20.000	ng/u1	0.00
88) Perylene-d12	23.863	264	567381	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	32226	7.808	ng/uL	0.00
4) Pyridine-d5	3.705	84	241654	21.658	ng/u1	0.00
7) Phenol-d5	7.069	99	258854	20.176	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	178288	22.390	ng/u1	0.00
11) 2-Chlorophenol-d4	7.446	132	210714	20.853	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	201778	20.595	ng/u1	0.00
21) Nitrobenzene-d5	9.075	128	96805	21.174	ng/u1	0.00
24) 2-Nitrophenol-d4	9.799	143	105221	21.489	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	197971	21.183	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	258544	20.705	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	520457	20.914	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	681907	21.151	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	85550	19.783	ng/u1	0.00
60) Fluorene-d10	15.539	176	443100	20.624	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	76636	20.616	ng/u1	0.00
73) Anthracene-d10	17.386	188	639530	21.214	ng/u1	0.00
81) Pyrene-d10	19.675	212	702204	20.827	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.710	264	607020	20.978	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	33932	7.781	ng/uL	95
5) Pyridine	3.722	79	208198	18.063	ng/u1	97
6) Benzaldehyde	7.046	77	175240	24.698	ng/u1	95
8) Phenol	7.093	94	273608	20.499	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.328	93	214696	19.888	ng/u1	98
12) 2-Chlorophenol	7.475	128	220829	20.631	ng/u1	94
13) 2-Methylphenol	8.352	108	200410	20.566	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.446	45	287875	20.105	ng/u1	99
16) Acetophenone	8.734	105	311188	20.186	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.722	70	155399	20.476	ng/u1#	91
18) 4-Methylphenol	8.681	108	211481	20.154	ng/u1	99
19) Hexachloroethane	9.005	117	93004	20.396	ng/u1	94
22) Nitrobenzene	9.116	77	243297	20.798	ng/u1	97
23) Isophorone	9.640	82	414611	20.287	ng/u1	96
25) 2-Nitrophenol	9.828	139	115835	21.219	ng/u1	94
26) 2,4-Dimethylphenol	9.887	107	237989	20.553	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.128	93	266158	19.904	ng/u1	98
29) 2,4-Dichlorophenol	10.363	162	195556	20.528	ng/u1	98
30) Naphthalene	10.775	128	663691	20.414	ng/u1	100
32) 4-Chloroaniline	10.875	127	269380	20.842	ng/u1	99
33) Hexachlorobutadiene	11.069	225	141882	20.643	ng/u1	96
34) Caprolactam	11.616	113	47266	18.846	ng/u1	94
35) 4-Chloro-3-methylphenol	11.993	107	193851	20.135	ng/u1	99
36) 2-Methylnaphthalene	12.381	142	447204	20.690	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	425066	19.423	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.751	216	235221	20.383	ng/ul	96
40) Hexachlorocyclopentadiene	12.740	237	159617	20.087	ng/ul	97
41) 2,4,6-Trichlorophenol	12.981	196	145035	21.449	ng/ul	98
42) 2,4,5-Trichlorophenol	13.051	196	152239	20.614	ng/ul	99
43) 1,1'-Biphenyl	13.387	154	555383	19.757	ng/ul	97
44) 2-Chloronaphthalene	13.428	162	443384	20.509	ng/ul	95
45) 2-Nitroaniline	13.622	65	115155	20.982	ng/ul	97
47) Dimethylphthalate	13.998	163	512128	20.137	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	109047	22.979	ng/ul	97
50) Acenaphthylene	14.269	152	706777	20.933	ng/ul	100
51) 3-Nitroaniline	14.440	138	106951	24.221	ng/ul	89
52) Acenaphthene	14.610	153	445625	20.373	ng/ul	99
53) 2,4-Dinitrophenol	14.645	184	48505	17.458	ng/ul	92
55) 4-Nitrophenol	14.740	109	76116	19.410	ng/ul	87
56) Dibenzofuran	14.945	168	636729	20.435	ng/ul	93
57) 2,4-Dinitrotoluene	14.898	165	140128	20.439	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.169	232	124287m	21.738	ng/ul	
59) Diethylphthalate	15.363	149	495490	20.113	ng/ul	98
61) Fluorene	15.592	166	480387	19.988	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.587	204	252769	20.531	ng/ul	93
63) 4-Nitroaniline	15.598	138	102229	27.510	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.663	198	78609	20.503	ng/ul	99
67) N-Nitrosodiphenylamine	15.798	169	423260	21.686	ng/ul	99
68) 4-Bromophenyl-phenylether	16.481	248	147391	21.167	ng/ul	90
69) Hexachlorobenzene	16.598	284	159656	20.340	ng/ul#	90
70) Atrazine	16.739	200	136600	19.692	ng/ul	98
71) Pentachlorophenol	16.939	266	84521	19.135	ng/ul	97
72) Phenanthrene	17.328	178	739877	20.796	ng/ul	99
74) Anthracene	17.416	178	742458	20.782	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	223005	18.888	ng/uL	98
76) Pentachlorobenzene	14.869	250	209438	21.084	ng/uL	98
77) Carbazole	17.686	167	656357	21.578	ng/ul	99
78) Di-n-butylphthalate	18.251	149	739570	20.976	ng/ul	99
80) Fluoranthene	19.339	202	801572	19.909	ng/ul	100
82) Pyrene	19.704	202	844352	20.397	ng/ul	99
83) Butylbenzylphthalate	20.598	149	294701	20.499	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.380	252	273517	25.329	ng/ul	98
85) Benzo(a)anthracene	21.451	228	803306	20.982	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	463740	21.477	ng/ul	96
87) Chrysene	21.504	228	757129	19.984	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	734939	18.945	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	791070	20.683	ng/ul	98
91) Benzo(k)fluoranthene	23.180	252	766870	21.180	ng/ul	97
93) Benzo(a)pyrene	23.757	252	761430	20.679	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.351	276	842477	20.447	ng/ul	97
95) Dibenzo(a,h)anthracene	26.362	278	740544	20.802	ng/ul	97
96) Benzo(g,h,i)perylene	27.109	276	733731	20.862	ng/ul	98

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

