

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060622\
 Data File : BN020023.D
 Acq On : 06 Jun 2022 16:22
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV223

Quant Time: Jun 06 17:58:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 06 15:14:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2022
 Supervised By :mohammad ahmed 06/09/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	132540	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	603056	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	394677	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	839096	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	813485	20.000	ng/u1	0.00
88) Perylene-d12	23.716	264	837319	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	19394	6.338	ng/uL	0.00
4) Pyridine-d5	3.687	84	139979	16.736	ng/u1	0.00
7) Phenol-d5	6.987	99	188440	17.182	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	133339	19.459	ng/u1	0.00
11) 2-Chlorophenol-d4	7.358	132	158798	17.820	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	165924	17.487	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	83461	18.191	ng/u1	0.00
24) 2-Nitrophenol-d4	9.693	143	88298	18.135	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	155674	18.314	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	245699	17.850	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	538479	18.751	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	626669	18.817	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	103706	18.022	ng/u1	0.00
60) Fluorene-d10	15.445	176	435753	18.337	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	87593	18.021	ng/u1	0.00
73) Anthracene-d10	17.292	188	671400	18.334	ng/u1	0.00
81) Pyrene-d10	19.586	212	777671	17.634	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.563	264	741469	18.099	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	20936	6.481	ng/uL#	91
5) Pyridine	3.711	79	131326	14.977	ng/u1	94
6) Benzaldehyde	6.963	77	129650	25.089	ng/u1	90
8) Phenol	7.016	94	188944	16.179	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.246	93	152307	16.663	ng/u1	100
12) 2-Chlorophenol	7.387	128	156995	16.855	ng/u1	99
13) 2-Methylphenol	8.263	108	148074	16.493	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.358	45	240633	16.789	ng/u1	99
16) Acetophenone	8.640	105	256723	17.791	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.628	70	127493	17.296	ng/u1	94
18) 4-Methylphenol	8.587	108	165619	16.714	ng/u1	97
19) Hexachloroethane	8.905	117	62139	16.579	ng/u1	91
22) Nitrobenzene	9.016	77	183498	17.250	ng/u1	96
23) Isophorone	9.540	82	361406	17.207	ng/u1	99
25) 2-Nitrophenol	9.728	139	92999	17.285	ng/u1	98
26) 2,4-Dimethylphenol	9.793	107	192259	17.248	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.028	93	214924	16.721	ng/u1	99
29) 2,4-Dichlorophenol	10.263	162	153215	17.426	ng/u1	99
30) Naphthalene	10.663	128	532431	17.035	ng/u1	99
32) 4-Chloroaniline	10.769	127	234697	17.046	ng/u1	100
33) Hexachlorobutadiene	10.957	225	85844	17.005	ng/u1	97
34) Caprolactam	11.516	113	55398	16.134	ng/u1	96
35) 4-Chloro-3-methylphenol	11.899	107	182007	17.531	ng/u1	99
36) 2-Methylnaphthalene	12.275	142	374724	17.734	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	362952	16.833	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.646	216	174327	17.318	ng/ul	98
40) Hexachlorocyclopentadiene	12.634	237	101501	16.576	ng/ul	96
41) 2,4,6-Trichlorophenol	12.887	196	120273	17.328	ng/ul	93
42) 2,4,5-Trichlorophenol	12.957	196	128920	16.771	ng/ul	97
43) 1,1'-Biphenyl	13.287	154	505666	17.303	ng/ul	98
44) 2-Chloronaphthalene	13.328	162	378140	17.056	ng/ul	97
45) 2-Nitroaniline	13.522	65	122223	17.720	ng/ul	99
47) Dimethylphthalate	13.910	163	498316	17.237	ng/ul	99
48) 2,6-Dinitrotoluene	14.028	165	108496	19.195	ng/ul	91
50) Acenaphthylene	14.175	152	638732	17.323	ng/ul	99
51) 3-Nitroaniline	14.351	138	121602	20.350	ng/ul	97
52) Acenaphthene	14.516	153	415933	17.270	ng/ul	98
53) 2,4-Dinitrophenol	14.557	184	56658	15.656	ng/ul	98
55) 4-Nitrophenol	14.657	109	86512	17.612	ng/ul	97
56) Dibenzofuran	14.851	168	584368	17.222	ng/ul	98
57) 2,4-Dinitrotoluene	14.810	165	151781	18.136	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.075	232	107980m	17.895	ng/ul	
59) Diethylphthalate	15.275	149	514580	17.289	ng/ul	98
61) Fluorene	15.498	166	469114	17.767	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.492	204	215177	17.696	ng/ul	93
63) 4-Nitroaniline	15.510	138	125442	22.465	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.575	198	84990	17.247	ng/ul	94
67) N-Nitrosodiphenylamine	15.704	169	421435	17.519	ng/ul	99
68) 4-Bromophenyl-phenylether	16.387	248	129111	17.669	ng/ul	88
69) Hexachlorobenzene	16.504	284	143575	17.093	ng/ul#	90
70) Atrazine	16.657	200	139153	16.579	ng/ul	97
71) Pentachlorophenol	16.845	266	84853	16.219	ng/ul	96
72) Phenanthrene	17.234	178	768062	17.345	ng/ul	100
74) Anthracene	17.328	178	774260	17.389	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.251	216	177923	15.835	ng/uL	99
76) Pentachlorobenzene	14.775	250	174804	17.602	ng/uL	96
77) Carbazole	17.592	167	737114	18.197	ng/ul	98
78) Di-n-butylphthalate	18.163	149	877720	17.474	ng/ul	99
80) Fluoranthene	19.251	202	851316	15.983	ng/ul	97
82) Pyrene	19.616	202	906614	16.591	ng/ul	96
83) Butylbenzylphthalate	20.522	149	406477	16.529	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.304	252	304767	19.615	ng/ul	99
85) Benzo(a)anthracene	21.369	228	894158	17.407	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.310	149	607752	17.515	ng/ul	99
87) Chrysene	21.422	228	821708	16.351	ng/ul	99
89) Di-n-octyl phthalate	22.210	149	1034785	15.184	ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	874723m	16.645	ng/ul	
91) Benzo(k)fluoranthene	23.057	252	873503	17.461	ng/ul	98
93) Benzo(a)pyrene	23.616	252	828219	16.282	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.110	276	916819	17.518	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.121	278	797370	17.837	ng/ul	97
96) Benzo(g,h,i)perylene	26.839	276	795604	18.001	ng/ul	95

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

