

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050222\
 Data File : BN019638.D
 Acq On : 03 May 2022 02:19
 Operator : CG/JU
 Sample : PB144479BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS479

Quant Time: May 03 04:00:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 03 03:31:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/05/2022
 Supervised By :Yogesh Patel 05/09/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	161399	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	663334	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.487	164	382197	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	765342	20.000	ng/u1	0.00
79) Chrysene-d12	21.416	240	692935	20.000	ng/u1	0.00
88) Perylene-d12	23.763	264	705600	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	24323m	5.687	ng/uL	0.00
4) Pyridine-d5	3.740	84	298543	27.566	ng/u1	0.00
7) Phenol-d5	7.034	99	382735	27.364	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	242334	29.871	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	323820	29.188	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	311279	29.052	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	152347	31.500	ng/u1	0.00
24) 2-Nitrophenol-d4	9.740	143	155034	32.527	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	279196	29.263	ng/u1	0.00
31) 4-Chloroaniline-d4	10.793	131	388253	26.807	ng/u1	0.00
46) Dimethylphthalate-d6	13.898	166	816064	31.087	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	1003294	28.267	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	161282	31.590	ng/u1	0.00
60) Fluorene-d10	15.481	176	699702	30.194	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	112625	28.825	ng/u1	0.00
73) Anthracene-d10	17.328	188	1037421	28.783	ng/u1	0.00
81) Pyrene-d10	19.622	212	1166653	29.284	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.610	264	1119529	31.038	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	46875	10.747	ng/uL	97
5) Pyridine	3.764	79	325339	28.508	ng/u1	94
6) Benzaldehyde	7.005	77	253330	35.339	ng/u1	92
8) Phenol	7.058	94	414386	29.442	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.293	93	319028	29.214	ng/u1	99
12) 2-Chlorophenol	7.434	128	334850	29.720	ng/u1	99
13) 2-Methylphenol	8.305	108	298564	28.650	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.399	45	486816	31.018	ng/u1	96
16) Acetophenone	8.687	105	479940	29.849	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.675	70	233801	31.243	ng/u1	93
18) 4-Methylphenol	8.634	108	331399	29.702	ng/u1	99
19) Hexachloroethane	8.952	117	136566	29.901	ng/u1	89
22) Nitrobenzene	9.063	77	354794	31.114	ng/u1	94
23) Isophorone	9.593	82	632240	31.088	ng/u1	98
25) 2-Nitrophenol	9.775	139	170681	31.712	ng/u1	98
26) 2,4-Dimethylphenol	9.840	107	343468	28.647	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.075	93	399996	29.910	ng/u1	99
29) 2,4-Dichlorophenol	10.304	162	290908	30.412	ng/u1	99
30) Naphthalene	10.710	128	1035892	29.159	ng/u1	99
32) 4-Chloroaniline	10.816	127	387003	26.585	ng/u1	98
33) Hexachlorobutadiene	11.010	225	169541	29.543	ng/u1	99
34) Caprolactam	11.569	113	92967m	34.365	ng/u1	
35) 4-Chloro-3-methylphenol	11.940	107	321207	31.725	ng/u1	98
36) 2-Methylnaphthalene	12.322	142	671328	29.362	ng/u1	97

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37) 1-Methylnaphthalene	12.540	142	691850	30.226	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.693	216	309111	29.148	ng/ul	99
40) Hexachlorocyclopentadiene	12.675	237	152901	23.432	ng/ul	94
41) 2,4,6-Trichlorophenol	12.928	196	206572	31.226	ng/ul	95
42) 2,4,5-Trichlorophenol	12.993	196	222585	30.988	ng/ul	98
43) 1,1'-Biphenyl	13.328	154	882887	29.217	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	676296	29.293	ng/ul	98
45) 2-Nitroaniline	13.563	65	199055	35.929	ng/ul	95
47) Dimethylphthalate	13.945	163	814461	31.242	ng/ul	98
48) 2,6-Dinitrotoluene	14.063	165	160615	35.715	ng/ul	96
50) Acenaphthylene	14.210	152	1090550	29.906	ng/ul	100
51) 3-Nitroaniline	14.387	138	172718	37.470	ng/ul	98
52) Acenaphthene	14.557	153	704699	29.528	ng/ul	99
53) 2,4-Dinitrophenol	14.587	184	76337	30.601	ng/ul	91
55) 4-Nitrophenol	14.687	109	137548	33.905	ng/ul	98
56) Dibenzofuran	14.887	168	980959	29.425	ng/ul	96
57) 2,4-Dinitrotoluene	14.845	165	239316	36.596	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.110	232	174011	33.213	ng/ul#	85
59) Diethylphthalate	15.316	149	825780	32.206	ng/ul	99
61) Fluorene	15.534	166	767571	29.659	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.534	204	354586	30.303	ng/ul	92
63) 4-Nitroaniline	15.545	138	182203	46.120	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	112821	28.390	ng/ul#	98
67) N-Nitrosodiphenylamine	15.739	169	680190	28.965	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	211203	29.375	ng/ul	90
69) Hexachlorobenzene	16.539	284	235981	29.180	ng/ul#	87
70) Atrazine	16.692	200	234504	31.304	ng/ul	94
71) Pentachlorophenol	16.881	266	144141	29.369	ng/ul	97
72) Phenanthrene	17.269	178	1253793	29.314	ng/ul	98
74) Anthracene	17.363	178	1258050	29.445	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.293	216	315999	26.784	ng/uL	98
76) Pentachlorobenzene	14.810	250	289436	28.161	ng/uL	93
77) Carbazole	17.628	167	1173888	30.223	ng/ul	97
78) Di-n-butylphthalate	18.204	149	1367603	32.915	ng/ul	100
80) Fluoranthene	19.286	202	1426167	30.369	ng/ul	98
82) Pyrene	19.651	202	1440844	29.455	ng/ul	98
83) Butylbenzylphthalate	20.551	149	591886	32.711	ng/ul#	97
84) 3,3'-Dichlorobenzidine	21.327	252	405096	29.110	ng/ul#	95
85) Benzo(a)anthracene	21.398	228	1366934	30.800	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.339	149	909841	32.771	ng/ul#	98
87) Chrysene	21.451	228	1335732	30.640	ng/ul	96
89) Di-n-octyl phthalate	22.251	149	1564921	32.397	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	1437479m	31.491	ng/ul	
91) Benzo(k)fluoranthene	23.098	252	1314606	31.750	ng/ul	98
93) Benzo(a)pyrene	23.663	252	1367760	31.553	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.186	276	1578023m	31.767	ng/ul	
95) Dibenzo(a,h)anthracene	26.204	278	1332659	31.375	ng/ul	99
96) Benzo(g,h,i)perylene	26.927	276	1313005	30.050	ng/ul#	92

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

