

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082021\
 Data File : BN015992.D
 Acq On : 20 Aug 2021 18:59
 Operator : CG/JU
 Sample : PB138605BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS605

Manual Integrations
 APPROVED

mohammad
 8/23/2021 4:26:12 PM

Quant Time: Aug 20 23:26:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 20 04:24:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	277296	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	1150543	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	730364	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1522824	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	1606819	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	1666221	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	41784	5.870	ng/uL	0.00
4) Pyridine-d5	3.728	84	580236	29.164	ng/u1	0.00
7) Phenol-d5	7.040	99	784741	31.286	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	460609	29.825	ng/u1	0.00
11) 2-Chlorophenol-d4	7.404	132	589622	33.035	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	614886	31.518	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	296334	34.994	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	315816	39.849	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	574307	33.487	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	739148	28.314	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	1735276	32.419	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	2138568	31.903	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	321717	33.983	ng/u1	0.00
60) Fluorene-d10	15.504	176	1473386	31.557	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	290737	35.749	ng/u1	0.00
73) Anthracene-d10	17.357	188	2302359	32.257	ng/u1	0.00
81) Pyrene-d10	19.651	212	2702914	31.230	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	2846045	31.591	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	95000	12.982	ng/uL	88
5) Pyridine	3.752	79	651278	31.751	ng/u1	93
6) Benzaldehyde	7.010	77	513284m	39.771	ng/u1	
8) Phenol	7.063	94	882256	34.503	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.298	93	669406	33.416	ng/u1	99
12) 2-Chlorophenol	7.440	128	653618	35.628	ng/u1	98
13) 2-Methylphenol	8.316	108	637682	34.045	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.410	45	833400	32.576	ng/u1	98
16) Acetophenone	8.698	105	1058865	33.633	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.687	70	544005	35.385	ng/u1	99
18) 4-Methylphenol	8.645	108	694087	34.624	ng/u1	98
19) Hexachloroethane	8.957	117	288775	34.663	ng/u1	91
22) Nitrobenzene	9.081	77	845076	35.292	ng/u1	97
23) Isophorone	9.604	82	1492272	35.822	ng/u1	99
25) 2-Nitrophenol	9.787	139	358983	41.536	ng/u1	97
26) 2,4-Dimethylphenol	9.851	107	789694	34.208	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.087	93	844321	32.998	ng/u1	99
29) 2,4-Dichlorophenol	10.322	162	611108	36.140	ng/u1	98
30) Naphthalene	10.728	128	2080367	33.761	ng/u1	99
32) 4-Chloroaniline	10.839	127	811818	31.498	ng/u1	99
33) Hexachlorobutadiene	11.016	225	428340	32.968	ng/u1	97
34) Caprolactam	11.604	113	210851m	39.799	ng/u1	
35) 4-Chloro-3-methylphenol	11.963	107	744728	37.182	ng/u1	99
36) 2-Methylnaphthalene	12.339	142	1441920	33.649	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	1404200	32.922	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.710	216	791762	33.510	ng/ul	98
40) Hexachlorocyclopentadiene	12.692	237	488283	31.875	ng/ul	99
41) 2,4,6-Trichlorophenol	12.945	196	500716	38.756	ng/ul	97
42) 2,4,5-Trichlorophenol	13.016	196	533041	37.790	ng/ul	96
43) 1,1'-Biphenyl	13.351	154	1861318	32.958	ng/ul	99
44) 2-Chloronaphthalene	13.392	162	1402863	32.169	ng/ul	97
45) 2-Nitroaniline	13.592	65	506140	40.961	ng/ul	99
47) Dimethylphthalate	13.969	163	1849341	34.853	ng/ul	100
48) 2,6-Dinitrotoluene	14.092	165	390048	40.591	ng/ul	87
50) Acenaphthylene	14.233	152	2201716	34.551	ng/ul	99
51) 3-Nitroaniline	14.416	138	371215	35.930	ng/ul	98
52) Acenaphthene	14.575	153	1547106	33.566	ng/ul	96
53) 2,4-Dinitrophenol	14.622	184	202721	37.968	ng/ul	90
55) 4-Nitrophenol	14.722	109	334765	36.138	ng/ul	96
56) Dibenzofuran	14.910	168	2168024	34.023	ng/ul	96
57) 2,4-Dinitrotoluene	14.875	165	572858	41.390	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.139	232	477055	40.873	ng/ul	94
59) Diethylphthalate	15.333	149	1884757	35.523	ng/ul	99
61) Fluorene	15.563	166	1811815	34.843	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.557	204	916243	33.790	ng/ul	96
63) 4-Nitroaniline	15.580	138	402564	40.665	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.639	198	312087	38.583	ng/ul	98
67) N-Nitrosodiphenylamine	15.769	169	1591404	35.804	ng/ul	98
68) 4-Bromophenyl-phenylether	16.451	248	570798	34.929	ng/ul	99
69) Hexachlorobenzene	16.569	284	656162	34.361	ng/ul	96
70) Atrazine	16.722	200	594910	36.901	ng/ul	98
71) Pentachlorophenol	16.910	266	378583	35.338	ng/ul	95
72) Phenanthrene	17.304	178	2904160	35.081	ng/ul	98
74) Anthracene	17.392	178	2925992	34.619	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.316	216	804266	33.530	ng/ul	94
76) Pentachlorobenzene	14.833	250	746740	31.983	ng/ul	98
77) Carbazole	17.663	167	2604154	35.044	ng/ul	98
78) Di-n-butylphthalate	18.233	149	3131784	37.066	ng/ul	99
80) Fluoranthene	19.316	202	3510989	33.529	ng/ul	99
82) Pyrene	19.680	202	3576901	32.820	ng/ul	99
83) Butylbenzylphthalate	20.580	149	1431112	39.049	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.362	252	1188423	36.119	ng/ul	99
85) Benzo(a)anthracene	21.433	228	3576886	34.598	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.362	149	2169630	37.327	ng/ul	96
87) Chrysene	21.486	228	3585237	35.818	ng/ul	97
89) Di-n-octyl phthalate	22.286	149	3718321	35.259	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	3772938	34.442	ng/ul	99
91) Benzo(k)fluoranthene	23.168	252	3673580	33.681	ng/ul	100
93) Benzo(a)pyrene	23.745	252	3408633	34.374	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.339	276	4398136	35.770	ng/ul	99
95) Dibenzo(a,h)anthracene	26.356	278	3714284	36.592	ng/ul	99
96) Benzo(g,h,i)perylene	27.103	276	3634136	35.748	ng/ul	98

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

