

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
 Data File : BN015911.D
 Acq On : 17 Aug 2021 22:22
 Operator : CG/JU
 Sample : PB138401BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS401

Manual Integrations
 APPROVED

mohammad
 8/19/2021 1:25:14 PM

Quant Time: Aug 18 01:10:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 17 09:43:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	260780	20.000	ng/ul	0.00
20) Naphthalene-d8	10.716	136	1080572	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	699636	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1400039	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1334653	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	1327252	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	37231m	5.561	ng/uL	0.00
4) Pyridine-d5	3.746	84	559573	29.907	ng/ul	0.00
7) Phenol-d5	7.064	99	777108	32.944	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	447453	30.808	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	596670	35.547	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	618066	33.687	ng/ul	0.01
21) Nitrobenzene-d5	9.069	128	284746	35.803	ng/ul	0.00
24) 2-Nitrophenol-d4	9.793	143	315852	42.434	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	597529	37.097	ng/ul	0.00
31) 4-Chloroaniline-d4	10.852	131	769526	31.386	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	1763850	34.400	ng/ul	0.00
49) Acenaphthylene-d8	14.246	160	2184339	34.017	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	312721	34.483	ng/ul	0.02
60) Fluorene-d10	15.545	176	1482460	33.146	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	282890	37.835	ng/ul	0.00
73) Anthracene-d10	17.398	188	2320680	35.365	ng/ul	0.00
81) Pyrene-d10	19.692	212	2647871	36.833	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.757	264	2484235	34.617	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	86593	12.582	ng/uL	89
5) Pyridine	3.764	79	589563	30.562	ng/ul	97
6) Benzaldehyde	7.040	77	541390m	44.606	ng/ul	
8) Phenol	7.093	94	832519	34.620	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.328	93	632714	33.585	ng/ul	96
12) 2-Chlorophenol	7.464	128	633793	36.735	ng/ul	99
13) 2-Methylphenol	8.346	108	618233	35.097	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.440	45	773319	32.142	ng/ul#	95
16) Acetophenone	8.728	105	1007463	34.027	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.716	70	526720	36.431	ng/ul	100
18) 4-Methylphenol	8.675	108	667517	35.407	ng/ul	98
19) Hexachloroethane	8.987	117	275732	35.193	ng/ul	87
22) Nitrobenzene	9.111	77	802687	35.693	ng/ul	96
23) Isophorone	9.640	82	1423938	36.395	ng/ul	100
25) 2-Nitrophenol	9.828	139	349426	43.048	ng/ul	94
26) 2,4-Dimethylphenol	9.887	107	745142	34.368	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.122	93	832580	34.646	ng/ul	99
29) 2,4-Dichlorophenol	10.357	162	608440	38.313	ng/ul	98
30) Naphthalene	10.763	128	1971019	34.057	ng/ul	100
32) 4-Chloroaniline	10.875	127	783264	32.358	ng/ul	97
33) Hexachlorobutadiene	11.052	225	426213	34.929	ng/ul	99
34) Caprolactam	11.646	113	191608m	38.509	ng/ul	
35) 4-Chloro-3-methylphenol	12.004	107	731590	38.892	ng/ul	93
36) 2-Methylnaphthalene	12.375	142	1430412	35.542	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.599	142	1359800	33.945	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.746	216	788778	34.850	ng/ul	97
40) Hexachlorocyclopentadiene	12.728	237	444944	30.322	ng/ul	93
41) 2,4,6-Trichlorophenol	12.987	196	497936	40.234	ng/ul	91
42) 2,4,5-Trichlorophenol	13.057	196	538213	39.833	ng/ul	96
43) 1,1'-Biphenyl	13.387	154	1829188	33.811	ng/ul	100
44) 2-Chloronaphthalene	13.428	162	1399548	33.503	ng/ul	99
45) 2-Nitroaniline	13.628	65	476430	40.250	ng/ul	96
47) Dimethylphthalate	14.010	163	1806010	35.531	ng/ul	99
48) 2,6-Dinitrotoluene	14.128	165	377373	40.997	ng/ul	93
50) Acenaphthylene	14.275	152	2086367	34.179	ng/ul	99
51) 3-Nitroaniline	14.457	138	376073	37.998	ng/ul	98
52) Acenaphthene	14.616	153	1509244	34.183	ng/ul	96
53) 2,4-Dinitrophenol	14.657	184	191343	37.411	ng/ul	89
55) 4-Nitrophenol	14.763	109	321748	36.258	ng/ul	97
56) Dibenzofuran	14.951	168	2155390	35.310	ng/ul	100
57) 2,4-Dinitrotoluene	14.910	165	546134	41.192	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.175	232	457196	40.892	ng/ul	98
59) Diethylphthalate	15.375	149	1873418	36.860	ng/ul	99
61) Fluorene	15.598	166	1780034	35.735	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.592	204	901380	34.702	ng/ul	98
63) 4-Nitroaniline	15.622	138	412306	43.479	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.675	198	287918	38.716	ng/ul	100
67) N-Nitrosodiphenylamine	15.810	169	1493353	36.544	ng/ul	98
68) 4-Bromophenyl-phenylether	16.492	248	573695	38.186	ng/ul	99
69) Hexachlorobenzene	16.604	284	657048	37.425	ng/ul	98
70) Atrazine	16.763	200	555441	37.474	ng/ul	97
71) Pentachlorophenol	16.945	266	368298	37.393	ng/ul	95
72) Phenanthrene	17.345	178	2748605	36.113	ng/ul	98
74) Anthracene	17.434	178	2747147	35.354	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.351	216	784883	35.591	ng/ul	97
76) Pentachlorobenzene	14.869	250	779084	36.294	ng/ul	98
77) Carbazole	17.704	167	2447494	35.824	ng/ul	98
78) Di-n-butylphthalate	18.275	149	3124610	40.225	ng/ul	99
80) Fluoranthene	19.357	202	3281141	37.724	ng/ul	99
82) Pyrene	19.722	202	3339761	36.893	ng/ul	97
83) Butylbenzylphthalate	20.622	149	1375213	45.175	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.404	252	1080757	39.544	ng/ul	95
85) Benzo(a)anthracene	21.469	228	3094186	36.032	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.404	149	2000333	41.433	ng/ul#	96
87) Chrysene	21.522	228	3006527	36.162	ng/ul	100
89) Di-n-octyl phthalate	22.339	149	3406369	40.550	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	3320221	38.050	ng/ul	97
91) Benzo(k)fluoranthene	23.222	252	3108183	35.776	ng/ul	96
93) Benzo(a)pyrene	23.804	252	2904167	36.767	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.433	276	3585498	36.609	ng/ul	98
95) Dibenzo(a,h)anthracene	26.451	278	3043617	37.642	ng/ul	99
96) Benzo(g,h,i)perylene	27.204	276	2897481	35.780	ng/ul	99

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

