

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
 Data File : BN015929.D
 Acq On : 18 Aug 2021 10:10
 Operator : CG/JU
 Sample : PB138421BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS421

Manual Integrations
 APPROVED

mohammad
 8/19/2021 1:25:43 PM

Quant Time: Aug 18 10:54:51 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	7.899	152	275917	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	1162520	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	716315	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	1482045	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1417186	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	1406734	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	46756	6.601	ng/uL	0.00
4) Pyridine-d5	3.740	84	703454	35.534	ng/u1	0.00
7) Phenol-d5	7.063	99	957413	38.361	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	564096	36.709	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	734517	41.359	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	755215	38.904	ng/u1	0.01
21) Nitrobenzene-d5	9.063	128	358407	41.888	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	386309	48.241	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	734680	42.397	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	936319	35.497	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	2133035	40.632	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	2629929	40.003	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	381610	41.100	ng/u1	0.01
60) Fluorene-d10	15.545	176	1833706	40.044	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	342606	43.286	ng/u1	0.00
73) Anthracene-d10	17.398	188	2802833	40.349	ng/u1	0.00
81) Pyrene-d10	19.692	212	3227120	42.276	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.757	264	3138504	41.263	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	102269	14.045	ng/uL	93
5) Pyridine	3.758	79	732551	35.891	ng/u1	99
6) Benzaldehyde	7.034	77	582843	45.387	ng/u1	100
8) Phenol	7.087	94	1042924	40.991	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.322	93	794623	39.865	ng/u1	99
12) 2-Chlorophenol	7.463	128	806799	44.197	ng/u1	98
13) 2-Methylphenol	8.346	108	754736	40.496	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.434	45	979763	38.489	ng/u1	98
16) Acetophenone	8.728	105	1258962	40.189	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.716	70	657815	43.002	ng/u1	99
18) 4-Methylphenol	8.675	108	807980	40.506	ng/u1	91
19) Hexachloroethane	8.987	117	343760	41.469	ng/u1	93
22) Nitrobenzene	9.104	77	1003518	41.477	ng/u1	97
23) Isophorone	9.634	82	1748393	41.538	ng/u1	99
25) 2-Nitrophenol	9.822	139	429538	49.187	ng/u1	97
26) 2,4-Dimethylphenol	9.881	107	923978	39.613	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.122	93	1036365	40.086	ng/u1	99
29) 2,4-Dichlorophenol	10.357	162	744945	43.602	ng/u1	98
30) Naphthalene	10.763	128	2531916	40.665	ng/u1	99
32) 4-Chloroaniline	10.869	127	1002751	38.505	ng/u1	100
33) Hexachlorobutadiene	11.051	225	547886	41.735	ng/u1	93
34) Caprolactam	11.640	113	235191m	43.936	ng/u1	
35) 4-Chloro-3-methylphenol	11.998	107	899966	44.470	ng/u1	99
36) 2-Methylnaphthalene	12.375	142	1753591	40.501	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	1689680	39.207	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.740	216	983315	42.433	ng/ul	97
40) Hexachlorocyclopentadiene	12.728	237	540766	35.994	ng/ul	100
41) 2,4,6-Trichlorophenol	12.981	196	610675	48.194	ng/ul	96
42) 2,4,5-Trichlorophenol	13.051	196	661817	47.840	ng/ul	94
43) 1,1'-Biphenyl	13.387	154	2240358	40.447	ng/ul	96
44) 2-Chloronaphthalene	13.428	162	1731005	40.473	ng/ul	97
45) 2-Nitroaniline	13.628	65	598460	49.382	ng/ul	95
47) Dimethylphthalate	14.004	163	2255643	43.344	ng/ul	99
48) 2,6-Dinitrotoluene	14.128	165	467077	49.561	ng/ul	91
50) Acenaphthylene	14.275	152	2613006	41.810	ng/ul	100
51) 3-Nitroaniline	14.451	138	455637	44.966	ng/ul	97
52) Acenaphthene	14.616	153	1848806	40.899	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	224961	42.960	ng/ul	92
55) 4-Nitrophenol	14.763	109	398662	43.880	ng/ul	94
56) Dibenzofuran	14.951	168	2625971	42.018	ng/ul	99
57) 2,4-Dinitrotoluene	14.910	165	658127	48.484	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.175	232	569380	49.740	ng/ul	98
59) Diethylphthalate	15.375	149	2339963	44.967	ng/ul	100
61) Fluorene	15.598	166	2179481	42.736	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.592	204	1117885	42.035	ng/ul	96
63) 4-Nitroaniline	15.616	138	470575	48.468	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.675	198	342891	43.557	ng/ul#	94
67) N-Nitrosodiphenylamine	15.804	169	1860018	42.999	ng/ul	99
68) 4-Bromophenyl-phenylether	16.492	248	709971	44.641	ng/ul	94
69) Hexachlorobenzene	16.604	284	799017	42.993	ng/ul	97
70) Atrazine	16.757	200	717403	45.723	ng/ul	98
71) Pentachlorophenol	16.945	266	455085	43.648	ng/ul	94
72) Phenanthrene	17.339	178	3449927	42.820	ng/ul	99
74) Anthracene	17.433	178	3554871	43.217	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	973523	41.703	ng/ul	93
76) Pentachlorobenzene	14.869	250	944702	41.574	ng/ul	96
77) Carbazole	17.704	167	3103989	42.920	ng/ul	98
78) Di-n-butylphthalate	18.275	149	3879925	47.184	ng/ul	99
80) Fluoranthene	19.357	202	4093795	44.326	ng/ul	100
82) Pyrene	19.722	202	4214258	43.842	ng/ul	97
83) Butylbenzylphthalate	20.622	149	1704716	52.738	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.404	252	1232570	42.473	ng/ul	98
85) Benzo(a)anthracene	21.474	228	3948986	43.308	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.404	149	2435392	47.506	ng/ul	97
87) Chrysene	21.527	228	3811551	43.174	ng/ul	98
89) Di-n-octyl phthalate	22.339	149	4104932	46.105	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	4044332	43.729	ng/ul	98
91) Benzo(k)fluoranthene	23.221	252	3918566	42.555	ng/ul	98
93) Benzo(a)pyrene	23.810	252	3605155	43.062	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.439	276	4509616	43.442	ng/ul	98
95) Dibenzo(a,h)anthracene	26.451	278	3846988	44.890	ng/ul	98
96) Benzo(g,h,i)perylene	27.209	276	3549313	41.353	ng/ul	98

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

