

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
 Data File : BN015926.D
 Acq On : 18 Aug 2021 08:04
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020255

Manual Integrations
 APPROVED

mohammad
 8/19/2021 1:25:37 PM

Quant Time: Aug 18 08:37:21 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	303539	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	1252976	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	801603	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	1645348	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1650472	20.000	ng/u1	0.00
88) Perylene-d12	23.910	264	1544592	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	62495	8.020	ng/uL	0.00
4) Pyridine-d5	3.740	84	421660	19.361	ng/u1	0.00
7) Phenol-d5	7.058	99	544724	19.839	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	330257	19.536	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	416578	21.322	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	438455	20.531	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	208362	22.594	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	222693	25.802	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	425551	22.785	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	589029	20.719	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	1257513	21.405	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	1498722	20.371	ng/u1	0.00
54) 4-Nitrophenol-d4	14.740	143	209817	20.193	ng/u1	0.00
60) Fluorene-d10	15.540	176	1083024	21.135	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	175606	19.985	ng/u1	0.00
73) Anthracene-d10	17.398	188	1631376	21.154	ng/u1	0.00
81) Pyrene-d10	19.692	212	1823275	20.509	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.751	264	1818187	21.771	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	61791	7.714	ng/uL	89
5) Pyridine	3.764	79	432541	19.264	ng/u1	99
6) Benzaldehyde	7.034	77	257157m	18.203	ng/u1	
8) Phenol	7.087	94	563460	20.131	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.322	93	446415	20.358	ng/u1	99
12) 2-Chlorophenol	7.464	128	440925	21.956	ng/u1	98
13) 2-Methylphenol	8.346	108	421297	20.548	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.440	45	551652	19.699	ng/u1	98
16) Acetophenone	8.722	105	709138	20.577	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.710	70	361109	21.458	ng/u1	99
18) 4-Methylphenol	8.675	108	454183	20.698	ng/u1	91
19) Hexachloroethane	8.987	117	189007	20.726	ng/u1	85
22) Nitrobenzene	9.105	77	580829	22.274	ng/u1	98
23) Isophorone	9.634	82	1006923	22.195	ng/u1	100
25) 2-Nitrophenol	9.822	139	243048	25.823	ng/u1	97
26) 2,4-Dimethylphenol	9.881	107	539806	21.472	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.122	93	605471	21.729	ng/u1	97
29) 2,4-Dichlorophenol	10.357	162	415867	22.583	ng/u1	96
30) Naphthalene	10.763	128	1439312	21.448	ng/u1	99
32) 4-Chloroaniline	10.869	127	572501	20.397	ng/u1	99
33) Hexachlorobutadiene	11.052	225	308732	21.820	ng/u1	98
34) Caprolactam	11.628	113	128805	22.325	ng/u1	97
35) 4-Chloro-3-methylphenol	11.993	107	496620	22.768	ng/u1	97
36) 2-Methylnaphthalene	12.375	142	978274	20.963	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	959783	20.663	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.746	216	546140	21.060	ng/ul	97
40) Hexachlorocyclopentadiene	12.722	237	300838	17.894	ng/ul	98
41) 2,4,6-Trichlorophenol	12.981	196	336287	23.716	ng/ul	99
42) 2,4,5-Trichlorophenol	13.051	196	355090	22.937	ng/ul	97
43) 1,1'-Biphenyl	13.381	154	1293012	20.860	ng/ul	99
44) 2-Chloronaphthalene	13.422	162	1018124	21.272	ng/ul	98
45) 2-Nitroaniline	13.628	65	312430	23.037	ng/ul	97
47) Dimethylphthalate	14.004	163	1268440	21.781	ng/ul	100
48) 2,6-Dinitrotoluene	14.122	165	260488	24.699	ng/ul	92
50) Acenaphthylene	14.269	152	1528716	21.858	ng/ul	99
51) 3-Nitroaniline	14.451	138	215954	19.044	ng/ul	97
52) Acenaphthene	14.610	153	1089432	21.536	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	105820	18.058	ng/ul	94
55) 4-Nitrophenol	14.757	109	213994	21.048	ng/ul	93
56) Dibenzofuran	14.945	168	1475722	21.100	ng/ul	96
57) 2,4-Dinitrotoluene	14.910	165	375201	24.700	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.175	232	314285	24.534	ng/ul#	100
59) Diethylphthalate	15.369	149	1275729	21.907	ng/ul	98
61) Fluorene	15.598	166	1231739	21.583	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.592	204	656557	22.061	ng/ul	96
63) 4-Nitroaniline	15.610	138	220980	20.339	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.669	198	182168	20.844	ng/ul	94
67) N-Nitrosodiphenylamine	15.804	169	1024651	21.336	ng/ul	98
68) 4-Bromophenyl-phenylether	16.487	248	406354	23.015	ng/ul	98
69) Hexachlorobenzene	16.604	284	461867	22.385	ng/ul	97
70) Atrazine	16.757	200	388814	22.321	ng/ul	98
71) Pentachlorophenol	16.945	266	235384	20.335	ng/ul	99
72) Phenanthrene	17.339	178	1970317	22.028	ng/ul	100
74) Anthracene	17.434	178	1960249	21.466	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.346	216	537106	20.724	ng/ul	100
76) Pentachlorobenzene	14.869	250	541427	21.462	ng/ul	94
77) Carbazole	17.698	167	1685394	20.991	ng/ul	98
78) Di-n-butylphthalate	18.269	149	2120331	23.226	ng/ul	99
80) Fluoranthene	19.357	202	2307902	21.457	ng/ul	99
82) Pyrene	19.722	202	2367389	21.148	ng/ul	98
83) Butylbenzylphthalate	20.622	149	910909	24.197	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.404	252	640323	18.946	ng/ul	98
85) Benzo(a)anthracene	21.469	228	2268197	21.359	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.398	149	1363698	22.841	ng/ul	96
87) Chrysene	21.522	228	2170576	21.111	ng/ul	98
89) Di-n-octyl phthalate	22.333	149	2240683	22.920	ng/ul	100
90) Benzo(b)fluoranthene	23.169	252	2244636	22.104	ng/ul	99
91) Benzo(k)fluoranthene	23.216	252	2138891	21.155	ng/ul	98
93) Benzo(a)pyrene	23.798	252	2053834	22.343	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.415	276	2446926	21.468	ng/ul	98
95) Dibenzo(a,h)anthracene	26.439	278	2101184	22.330	ng/ul	98
96) Benzo(g,h,i)perylene	27.186	276	2048809	21.740	ng/ul	99

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

