

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031522\
 Data File : BN018962.D
 Acq On : 15 Mar 2022 23:45
 Operator : CG/JU
 Sample : N1818-10MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

DBSF4MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/16/2022
 Supervised By :Yogesh Patel 03/18/2022

Quant Time: Mar 16 03:58:19 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN031522.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Mar 15 15:17:15 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	219503	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	926002	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	608356	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.268	188	1244640	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	1173097	20.000	ng/u1	0.00
88) Perylene-d12	23.833	264	1049087	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	26662	5.064	ng/uL	0.00
4) Pyridine-d5	3.681	84	352429	25.178	ng/u1	0.00
7) Phenol-d5	7.051	99	544501	28.936	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	325792	27.871	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	415324	28.948	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	442880	29.347	ng/u1	0.00
21) Nitrobenzene-d5	9.051	128	209921	29.657	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	237313	30.185	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	433583	30.341	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	527443	26.777	ng/u1	0.00
46) Dimethylphthalate-d6	13.933	166	1318673	29.380	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	1609808	29.062	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	239784	29.103	ng/u1	0.00
60) Fluorene-d10	15.522	176	1099413	29.278	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	212379	27.802	ng/u1	0.00
73) Anthracene-d10	17.368	188	1693099	29.353	ng/u1	0.00
81) Pyrene-d10	19.657	212	1970485	26.943	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	1616487	30.211	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.299	88	66743	12.636	ng/uL	97
5) Pyridine	3.699	79	479116	32.597	ng/u1	97
6) Benzaldehyde	7.022	77	404311	40.106	ng/u1	98
8) Phenol	7.075	94	655202	34.609	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.310	93	503108	33.229	ng/u1	100
12) 2-Chlorophenol	7.451	128	499829	34.040	ng/u1	98
13) 2-Methylphenol	8.334	108	489705	34.481	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.422	45	738171	33.374	ng/u1	99
16) Acetophenone	8.716	105	762284	33.858	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.704	70	404187	33.833	ng/u1	96
18) 4-Methylphenol	8.663	108	528786	34.268	ng/u1	97
19) Hexachloroethane	8.981	117	205620	33.601	ng/u1	97
22) Nitrobenzene	9.092	77	597907	34.248	ng/u1	98
23) Isophorone	9.622	82	1151036	34.715	ng/u1	99
25) 2-Nitrophenol	9.810	139	293064	35.892	ng/u1	99
26) 2,4-Dimethylphenol	9.869	107	593335	34.319	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.104	93	690741	33.832	ng/u1	98
29) 2,4-Dichlorophenol	10.345	162	493347	35.049	ng/u1	97
30) Naphthalene	10.751	128	1587056	33.760	ng/u1	100
32) 4-Chloroaniline	10.851	127	617437	31.429	ng/u1	100
33) Hexachlorobutadiene	11.045	225	326382	34.936	ng/u1	98
34) Caprolactam	11.610	113	167952m	35.897	ng/u1	
35) 4-Chloro-3-methylphenol	11.981	107	557492	35.152	ng/u1	99
36) 2-Methylnaphthalene	12.363	142	1103890	34.196	ng/u1	100

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37) 1-Methylnaphthalene	12.581	142	1111640	34.028	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.733	216	595633	33.067	ng/ul	92
40) Hexachlorocyclopentadiene	12.716	237	312958	30.175	ng/ul	99
41) 2,4,6-Trichlorophenol	12.969	196	396450	34.852	ng/ul	98
42) 2,4,5-Trichlorophenol	13.039	196	433942	34.483	ng/ul	98
43) 1,1'-Biphenyl	13.369	154	1479234	32.881	ng/ul	97
44) 2-Chloronaphthalene	13.410	162	1137180	32.770	ng/ul	96
45) 2-Nitroaniline	13.604	65	379268	35.996	ng/ul	98
47) Dimethylphthalate	13.986	163	1446286	32.980	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	314242	36.287	ng/ul	94
50) Acenaphthylene	14.251	152	1847143	33.450	ng/ul	99
51) 3-Nitroaniline	14.427	138	302562	33.909	ng/ul	98
52) Acenaphthene	14.592	153	1171429	32.862	ng/ul	98
53) 2,4-Dinitrophenol	14.633	184	182565	32.909	ng/ul	99
55) 4-Nitrophenol	14.733	109	240859	34.734	ng/ul	99
56) Dibenzofuran	14.927	168	1699776	33.013	ng/ul	99
57) 2,4-Dinitrotoluene	14.886	165	446900	35.415	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.151	232	355272	35.015	ng/ul	99
59) Diethylphthalate	15.345	149	1485165	33.641	ng/ul	99
61) Fluorene	15.574	166	1310561	32.623	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.569	204	663395	32.537	ng/ul	98
63) 4-Nitroaniline	15.586	138	311243m	36.374	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.651	198	260591	34.732	ng/ul	99
67) N-Nitrosodiphenylamine	15.780	169	1190142	33.406	ng/ul	98
68) 4-Bromophenyl-phenylether	16.463	248	426627	34.399	ng/ul	99
69) Hexachlorobenzene	16.586	284	470032	33.252	ng/ul	100
70) Atrazine	16.727	200	449835	33.768	ng/ul	99
71) Pentachlorophenol	16.921	266	288286	33.579	ng/ul	94
72) Phenanthrene	17.310	178	2209897	33.841	ng/ul	99
74) Anthracene	17.404	178	2183609	33.369	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.333	216	627905	33.533	ng/uL	99
76) Pentachlorobenzene	14.857	250	582572	34.106	ng/uL	95
77) Carbazole	17.668	167	2032844	35.799	ng/ul	99
78) Di-n-butylphthalate	18.233	149	2555023	35.976	ng/ul	99
80) Fluoranthene	19.327	202	2582348	30.489	ng/ul	99
82) Pyrene	19.686	202	2567389	29.909	ng/ul	97
83) Butylbenzylphthalate	20.580	149	1165486	34.062	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.362	252	773418	33.577	ng/ul	98
85) Benzo(a)anthracene	21.433	228	2472868	32.957	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.362	149	1673293	34.054	ng/ul	99
87) Chrysene	21.486	228	2407560	33.166	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	2974963	35.082	ng/ul	100
90) Benzo(b)fluoranthene	23.109	252	2421565	34.748	ng/ul	98
91) Benzo(k)fluoranthene	23.156	252	2225671	34.378	ng/ul	97
93) Benzo(a)pyrene	23.733	252	2168111	33.758	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.315	276	2088628	31.500	ng/ul	97
95) Dibenzo(a,h)anthracene	26.333	278	1816494	31.775	ng/ul	97
96) Benzo(g,h,i)perylene	27.080	276	1738319	30.930	ng/ul	98

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

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