

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
 Data File : BN015935.D
 Acq On : 18 Aug 2021 13:50
 Operator : CG/JU
 Sample : M3364-22MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBK7MSD

Quant Time: Aug 18 14:44:01 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	281293	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	1155024	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	725941	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	1462249	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1410705	20.000	ng/u1	0.00
88) Perylene-d12	23.916	264	1396914	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	45194	6.258	ng/uL	0.00
4) Pyridine-d5	3.746	84	161049	7.980	ng/u1	0.00
7) Phenol-d5	7.064	99	227665	8.947	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	516842	32.991	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	542005	29.936	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	395593	19.989	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	330985	38.934	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	356523	44.810	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	634476	36.852	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	743760	28.380	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	2356269	44.289	ng/u1	0.00
49) Acenaphthylene-d8	14.246	160	2668095	40.045	ng/u1	0.00
54) 4-Nitrophenol-d4	14.746	143	107909	11.468	ng/u1	0.01
60) Fluorene-d10	15.545	176	1948734	41.992	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	386086	49.440	ng/u1	0.00
73) Anthracene-d10	17.398	188	3056455	44.596	ng/u1	0.00
81) Pyrene-d10	19.692	212	3478518	45.779	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.757	264	3296581	43.646	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	41363	5.572	ng/uL	90
5) Pyridine	3.770	79	181687	8.732	ng/u1	94
6) Benzaldehyde	7.040	77	580485	44.339	ng/u1	98
8) Phenol	7.087	94	251084	9.680	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.322	93	700533	34.473	ng/u1	99
12) 2-Chlorophenol	7.464	128	568546	30.550	ng/u1	97
13) 2-Methylphenol	8.346	108	461038	24.265	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.434	45	853716	32.896	ng/u1	97
16) Acetophenone	8.728	105	1141309	35.737	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.716	70	613203	39.320	ng/u1	97
18) 4-Methylphenol	8.675	108	435408	21.411	ng/u1	99
19) Hexachloroethane	8.987	117	256446	30.345	ng/u1	91
22) Nitrobenzene	9.111	77	908732	37.803	ng/u1	98
23) Isophorone	9.634	82	1639601	39.206	ng/u1	99
25) 2-Nitrophenol	9.822	139	379518	43.742	ng/u1	96
26) 2,4-Dimethylphenol	9.887	107	732659	31.614	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.122	93	955342	37.192	ng/u1	99
29) 2,4-Dichlorophenol	10.358	162	647469	38.142	ng/u1	98
30) Naphthalene	10.763	128	2157085	34.870	ng/u1	98
32) 4-Chloroaniline	10.869	127	789867	30.528	ng/u1	98
33) Hexachlorobutadiene	11.052	225	419103	32.132	ng/u1	97
34) Caprolactam	11.646	113	42646	8.018	ng/u1	96
35) 4-Chloro-3-methylphenol	11.993	107	770959	38.343	ng/u1	97
36) 2-Methylnaphthalene	12.375	142	1602161	37.244	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	1526430	35.649	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.740	216	899080	38.284	ng/ul	95
40) Hexachlorocyclopentadiene	12.728	237	395761	25.993	ng/ul	98
41) 2,4,6-Trichlorophenol	12.981	196	613295	47.759	ng/ul	96
42) 2,4,5-Trichlorophenol	13.051	196	667024	47.577	ng/ul	99
43) 1,1'-Biphenyl	13.387	154	2109244	37.575	ng/ul	99
44) 2-Chloronaphthalene	13.422	162	1666379	38.445	ng/ul	97
45) 2-Nitroaniline	13.628	65	631435	51.412	ng/ul	97
47) Dimethylphthalate	14.010	163	2347330	44.508	ng/ul	98
48) 2,6-Dinitrotoluene	14.128	165	508552	53.246	ng/ul	89
50) Acenaphthylene	14.269	152	2539448	40.094	ng/ul	98
51) 3-Nitroaniline	14.451	138	460936	44.885	ng/ul	97
52) Acenaphthene	14.616	153	1894633	41.357	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	259624	48.922	ng/ul	98
55) 4-Nitrophenol	14.757	109	114462	12.431	ng/ul	95
56) Dibenzofuran	14.951	168	2602763	41.094	ng/ul	96
57) 2,4-Dinitrotoluene	14.910	165	719372	52.293	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.175	232	624776	53.856	ng/ul	97
59) Diethylphthalate	15.375	149	2472699	46.888	ng/ul	99
61) Fluorene	15.598	166	2259319	43.714	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.593	204	1166696	43.289	ng/ul	96
63) 4-Nitroaniline	15.616	138	514543	52.293	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.675	198	386902	49.813	ng/ul	98
67) N-Nitrosodiphenylamine	15.810	169	2005244	46.983	ng/ul	98
68) 4-Bromophenyl-phenylether	16.492	248	749743	47.780	ng/ul	95
69) Hexachlorobenzene	16.604	284	859771	46.888	ng/ul	97
70) Atrazine	16.763	200	690406	44.598	ng/ul	98
71) Pentachlorophenol	16.951	266	533378	51.850	ng/ul	92
72) Phenanthrene	17.345	178	3646343	45.870	ng/ul	98
74) Anthracene	17.434	178	3701965	45.615	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.351	216	905337	39.307	ng/ul	95
76) Pentachlorobenzene	14.869	250	955435	42.616	ng/ul	95
77) Carbazole	17.704	167	3323158	46.572	ng/ul	99
78) Di-n-butylphthalate	18.275	149	4193950	51.694	ng/ul	100
80) Fluoranthene	19.363	202	4350113	47.318	ng/ul	98
82) Pyrene	19.722	202	4299708	44.937	ng/ul	98
83) Butylbenzylphthalate	20.622	149	1893659	58.852	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.404	252	693470	24.006	ng/ul	98
85) Benzo(a)anthracene	21.475	228	4178971	46.041	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	2738452	53.663	ng/ul	98
87) Chrysene	21.528	228	4060047	46.201	ng/ul	98
89) Di-n-octyl phthalate	22.339	149	4676638	52.896	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	4240006	46.167	ng/ul	97
91) Benzo(k)fluoranthene	23.227	252	4150376	45.389	ng/ul	98
93) Benzo(a)pyrene	23.810	252	3736813	44.949	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.433	276	4904581	47.579	ng/ul	97
95) Dibenzo(a,h)anthracene	26.451	278	4068368	47.807	ng/ul	96
96) Benzo(g,h,i)perylene	27.210	276	4028946	47.272	ng/ul	100

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

