

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
 Data File : BN015939.D
 Acq On : 18 Aug 2021 16:17
 Operator : CG/JU
 Sample : M3362-03MSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JMXD6MSD

Quant Time: Aug 18 17:24:27 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	182904	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	772487	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	491436	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	986394	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	944747	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	935108	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	19483	4.149	ng/uL	0.00
4) Pyridine-d5	3.746	84	183590	13.990	ng/u1	0.00
7) Phenol-d5	7.063	99	362846	21.931	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	221456	21.740	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	290024	24.635	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	303695	23.600	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	140789	24.762	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	146724	27.574	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	293231	25.466	ng/u1	0.00
31) 4-Chloroaniline-d4	10.845	131	362569	20.686	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	978435	27.167	ng/u1	0.00
49) Acenaphthylene-d8	14.239	160	1132060	25.099	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	148701	23.344	ng/u1	0.00
60) Fluorene-d10	15.539	176	803414	25.573	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	125204	23.768	ng/u1	0.00
73) Anthracene-d10	17.398	188	1266461	27.393	ng/u1	0.00
81) Pyrene-d10	19.692	212	1395948	27.432	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.751	264	1247458	24.673	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	53967	11.180	ng/uL	88
5) Pyridine	3.764	79	313602	23.179	ng/u1	97
6) Benzaldehyde	7.040	77	301733	35.445	ng/u1	95
8) Phenol	7.087	94	543294	32.212	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.322	93	409181	30.967	ng/u1	96
12) 2-Chlorophenol	7.463	128	413476	34.169	ng/u1	98
13) 2-Methylphenol	8.346	108	388555	31.450	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.434	45	503543	29.841	ng/u1	98
16) Acetophenone	8.728	105	664380	31.994	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.710	70	350645	34.579	ng/u1	96
18) 4-Methylphenol	8.675	108	432368	32.699	ng/u1	94
19) Hexachloroethane	8.987	117	171435	31.198	ng/u1	89
22) Nitrobenzene	9.104	77	515070	32.038	ng/u1	99
23) Isophorone	9.634	82	912577	32.627	ng/u1	98
25) 2-Nitrophenol	9.822	139	221907	38.241	ng/u1	98
26) 2,4-Dimethylphenol	9.881	107	465923	30.061	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.122	93	551513	32.103	ng/u1	99
29) 2,4-Dichlorophenol	10.357	162	389050	34.268	ng/u1	99
30) Naphthalene	10.763	128	1292825	31.248	ng/u1	99
32) 4-Chloroaniline	10.869	127	498304	28.796	ng/u1	99
33) Hexachlorobutadiene	11.051	225	284433	32.606	ng/u1	95
34) Caprolactam	11.634	113	120951	34.003	ng/u1	96
35) 4-Chloro-3-methylphenol	11.998	107	472709	35.152	ng/u1	100
36) 2-Methylnaphthalene	12.375	142	948600	32.971	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.592	142	907103	31.675	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.745	216	524051	32.963	ng/ul	96
40) Hexachlorocyclopentadiene	12.728	237	242140	23.492	ng/ul	98
41) 2,4,6-Trichlorophenol	12.981	196	328807	37.824	ng/ul	98
42) 2,4,5-Trichlorophenol	13.051	196	350471	36.927	ng/ul	94
43) 1,1'-Biphenyl	13.381	154	1243629	32.726	ng/ul	97
44) 2-Chloronaphthalene	13.428	162	949745	32.367	ng/ul	96
45) 2-Nitroaniline	13.628	65	318969	38.363	ng/ul	98
47) Dimethylphthalate	14.004	163	1246268	34.907	ng/ul	98
48) 2,6-Dinitrotoluene	14.122	165	249626	38.608	ng/ul	90
50) Acenaphthylene	14.269	152	1434268	33.451	ng/ul	100
51) 3-Nitroaniline	14.451	138	237638	34.183	ng/ul	92
52) Acenaphthene	14.616	153	1097423	35.386	ng/ul	96
53) 2,4-Dinitrophenol	14.657	184	110518	30.763	ng/ul	91
55) 4-Nitrophenol	14.757	109	213609	34.270	ng/ul	92
56) Dibenzofuran	14.945	168	1444286	33.685	ng/ul	99
57) 2,4-Dinitrotoluene	14.910	165	364617	39.152	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.175	232	306967	39.087	ng/ul	97
59) Diethylphthalate	15.369	149	1303870	36.522	ng/ul	99
61) Fluorene	15.598	166	1231039	35.184	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.592	204	623577	34.178	ng/ul	99
63) 4-Nitroaniline	15.616	138	262267	39.373	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.669	198	180929	34.532	ng/ul#	97
67) N-Nitrosodiphenylamine	15.804	169	1014954	35.253	ng/ul	98
68) 4-Bromophenyl-phenylether	16.486	248	389053	36.755	ng/ul	96
69) Hexachlorobenzene	16.604	284	433796	35.070	ng/ul	96
70) Atrazine	16.757	200	402860	38.578	ng/ul	98
71) Pentachlorophenol	16.945	266	239377	34.496	ng/ul	96
72) Phenanthrene	17.339	178	2173615	40.535	ng/ul	99
74) Anthracene	17.433	178	1920913	35.088	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.345	216	518562	33.376	ng/ul	95
76) Pentachlorobenzene	14.869	250	510676	33.767	ng/ul	97
77) Carbazole	17.704	167	1712419	35.576	ng/ul	98
78) Di-n-butylphthalate	18.269	149	2150759	39.299	ng/ul	99
80) Fluoranthene	19.357	202	2393813	38.881	ng/ul	99
82) Pyrene	19.721	202	2376131	37.081	ng/ul	95
83) Butylbenzylphthalate	20.621	149	899381	41.737	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.410	252	628404	32.482	ng/ul	96
85) Benzo(a)anthracene	21.474	228	2233653	36.746	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.404	149	1382234	40.446	ng/ul	96
87) Chrysene	21.527	228	2173099	36.925	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	2308706	39.009	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	2238248	36.407	ng/ul	100
91) Benzo(k)fluoranthene	23.221	252	2199328	35.930	ng/ul	99
93) Benzo(a)pyrene	23.810	252	1698536	30.521	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	2336814	33.865	ng/ul	98
95) Dibenzo(a,h)anthracene	26.451	278	2103384	36.923	ng/ul	97
96) Benzo(g,h,i)perylene	27.192	276	265632	4.656	ng/ul	97

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

