

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
 Data File : BN021795.D
 Acq On : 16 Sep 2022 19:38
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020339

Quant Time: Sep 17 00:25:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 17 00:17:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	173761	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	785124	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	483213	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	970202	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	730974	20.000	ng/u1	# 0.00
88) Perylene-d12	24.157	264	628777	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	33849	7.314	ng/uL	0.00
4) Pyridine-d5	3.793	84	243901	19.337	ng/u1	0.00
7) Phenol-d5	7.205	99	313520	19.894	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	189974	19.915	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	246656	21.512	ng/u1	0.00
15) 4-Methylphenol-d8	8.769	113	254502	20.582	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	127330	23.804	ng/u1	0.00
24) 2-Nitrophenol-d4	9.952	143	139790	29.258	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	241428	22.816	ng/u1	0.00
31) 4-Chloroaniline-d4	11.022	131	357475	19.893	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	699149	21.169	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	823619	21.391	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	135814	20.665	ng/u1	0.00
60) Fluorene-d10	15.698	176	597131	20.778	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	106576	27.464	ng/u1	0.00
73) Anthracene-d10	17.557	188	893564	20.900	ng/u1	0.00
81) Pyrene-d10	19.851	212	903141	25.980	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	628719	21.096	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	36801	7.721	ng/uL	95
5) Pyridine	3.817	79	240753	18.970	ng/u1	86
6) Benzaldehyde	7.181	77	173671	25.363	ng/u1	92
8) Phenol	7.234	94	319196	19.600	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.463	93	258459	19.904	ng/u1	96
12) 2-Chlorophenol	7.610	128	256215	20.829	ng/u1	95
13) 2-Methylphenol	8.499	108	250321	20.230	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.581	45	326632	19.943	ng/u1	96
16) Acetophenone	8.887	105	388543	19.867	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.869	70	203140	20.860	ng/u1	91
18) 4-Methylphenol	8.834	108	274140	20.169	ng/u1	99
19) Hexachloroethane	9.140	117	105316	21.480	ng/u1	89
22) Nitrobenzene	9.269	77	294386	22.333	ng/u1	95
23) Isophorone	9.799	82	575213	21.191	ng/u1	99
25) 2-Nitrophenol	9.987	139	150797	26.944	ng/u1	93
26) 2,4-Dimethylphenol	10.046	107	295363	21.312	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.287	93	360626	21.215	ng/u1	99
29) 2,4-Dichlorophenol	10.522	162	244101	22.018	ng/u1	97
30) Naphthalene	10.934	128	824091	20.158	ng/u1	99
32) 4-Chloroaniline	11.046	127	364496	19.572	ng/u1	98
33) Hexachlorobutadiene	11.210	225	138016	21.609	ng/u1	98
34) Caprolactam	11.822	113	87709	20.683	ng/u1	78
35) 4-Chloro-3-methylphenol	12.163	107	279707	22.386	ng/u1	99
36) 2-Methylnaphthalene	12.540	142	557804	20.170	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	567300	20.412	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.904	216	265467	21.425	ng/ul	98
40) Hexachlorocyclopentadiene	12.881	237	132824	18.005	ng/ul	93
41) 2,4,6-Trichlorophenol	13.145	196	189574	24.658	ng/ul	98
42) 2,4,5-Trichlorophenol	13.216	196	210908	25.002	ng/ul	91
43) 1,1'-Biphenyl	13.545	154	737364	20.881	ng/ul	100
44) 2-Chloronaphthalene	13.587	162	554984	20.529	ng/ul	93
45) 2-Nitroaniline	13.793	65	178044	26.258	ng/ul	92
47) Dimethylphthalate	14.163	163	705755	20.891	ng/ul	99
48) 2,6-Dinitrotoluene	14.287	165	151759	26.184	ng/ul	96
50) Acenaphthylene	14.434	152	923286	20.772	ng/ul	99
51) 3-Nitroaniline	14.616	138	164709	25.510	ng/ul	98
52) Acenaphthene	14.775	153	592138	20.617	ng/ul	99
53) 2,4-Dinitrophenol	14.822	184	71580	25.228	ng/ul	99
55) 4-Nitrophenol	14.922	109	107462	20.398	ng/ul	96
56) Dibenzofuran	15.104	168	855523	20.732	ng/ul	99
57) 2,4-Dinitrotoluene	15.069	165	215215	25.568	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.328	232	159676	24.661	ng/ul	90
59) Diethylphthalate	15.522	149	739281	21.700	ng/ul	99
61) Fluorene	15.757	166	658253	20.226	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	309929	20.658	ng/ul	97
63) 4-Nitroaniline	15.781	138	154277	23.809	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.834	198	108590	26.413	ng/ul	96
67) N-Nitrosodiphenylamine	15.963	169	593480	21.825	ng/ul	99
68) 4-Bromophenyl-phenylether	16.639	248	192901	22.356	ng/ul	96
69) Hexachlorobenzene	16.757	284	225938	21.997	ng/ul	93
70) Atrazine	16.916	200	215637	22.410	ng/ul	96
71) Pentachlorophenol	17.104	266	137439	24.034	ng/ul	98
72) Phenanthrene	17.504	178	1033558	20.168	ng/ul	99
74) Anthracene	17.592	178	1068749	20.944	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.510	216	279250	22.614	ng/uL	96
76) Pentachlorobenzene	15.022	250	269928	22.947	ng/uL	88
77) Carbazole	17.863	167	972919	20.176	ng/ul	94
78) Di-n-butylphthalate	18.422	149	1337744	24.605	ng/ul	100
80) Fluoranthene	19.516	202	1152708	27.491	ng/ul	95
82) Pyrene	19.880	202	1155637	26.444	ng/ul#	94
83) Butylbenzylphthalate	20.769	149	595257	35.987	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.563	252	263643	18.916	ng/ul#	93
85) Benzo(a)anthracene	21.633	228	941441	21.390	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.545	149	875592	34.573	ng/ul	98
87) Chrysene	21.686	228	902632	21.182	ng/ul	99
89) Di-n-octyl phthalate	22.498	149	1375192	37.337	ng/ul	100
90) Benzo(b)fluoranthene	23.380	252	834120	21.805	ng/ul#	96
91) Benzo(k)fluoranthene	23.433	252	767799	22.437	ng/ul	96
93) Benzo(a)pyrene	24.045	252	761486	20.805	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.798	276	859833	19.136	ng/ul	94
95) Dibenzo(a,h)anthracene	26.821	278	743702	19.612	ng/ul	98
96) Benzo(g,h,i)perylene	27.621	276	719712	18.355	ng/ul	94

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

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