

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
 Data File : BN029544.D
 Acq On : 07 Feb 2024 13:24
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV238

Quant Time: Feb 08 00:34:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 08 00:25:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	201603	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.681	136	863670	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	462007	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	915977	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	759145	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	867889	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	43367	7.075	ng/uL	0.00
4) Pyridine-d5	3.734	84	325362	19.905	ng/u1	0.00
7) Phenol-d5	7.040	99	383611	20.343	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.222	67	271544	21.577	ng/u1	0.00
11) 2-Chlorophenol-d4	7.404	132	299473	21.916	ng/u1	-0.01
15) 4-Methylphenol-d8	8.593	113	290770	20.676	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	142520	21.261	ng/u1	0.00
24) 2-Nitrophenol-d4	9.763	143	130007	22.269	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.298	165	246918	21.428	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	394802	20.083	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	719282	20.911	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	847181	20.739	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	129708	19.868	ng/u1	0.00
60) Fluorene-d10	15.522	176	590646	20.185	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	86305	19.337	ng/u1	0.00
73) Anthracene-d10	17.380	188	866131	20.176	ng/u1	0.00
81) Pyrene-d10	19.680	212	937950	20.589	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.704	264	880980	20.286	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	46042	7.253	ng/uL	95
5) Pyridine	3.752	79	273948	16.200	ng/u1	97
6) Benzaldehyde	7.022	77	232190	27.469	ng/u1	100
8) Phenol	7.069	94	360665	18.662	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.316	93	294229	18.105	ng/u1	98
12) 2-Chlorophenol	7.440	128	284477	19.843	ng/u1	96
13) 2-Methylphenol	8.322	108	255665	18.332	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.422	45	358417	16.887	ng/u1	98
16) Acetophenone	8.710	105	449722	20.093	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.698	70	230342	19.933	ng/u1	99
18) 4-Methylphenol	8.651	108	278982	18.931	ng/u1	97
19) Hexachloroethane	8.951	117	123026	18.492	ng/u1	92
22) Nitrobenzene	9.087	77	340097	17.907	ng/u1	98
23) Isophorone	9.610	82	601126	18.170	ng/u1	99
25) 2-Nitrophenol	9.798	139	133966	20.095	ng/u1	98
26) 2,4-Dimethylphenol	9.857	107	242688	15.190	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.104	93	374555	17.815	ng/u1	98
29) 2,4-Dichlorophenol	10.328	162	226231	19.000	ng/u1	99
30) Naphthalene	10.728	128	880287	17.832	ng/u1	99
32) 4-Chloroaniline	10.851	127	352618	18.170	ng/u1	98
33) Hexachlorobutadiene	11.004	225	132377	18.014	ng/u1	93
34) Caprolactam	11.622	113	74230	18.735	ng/u1	92
35) 4-Chloro-3-methylphenol	11.969	107	266657	19.389	ng/u1	97
36) 2-Methylnaphthalene	12.345	142	551083	18.211	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	538402	17.946	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.710	216	253563	18.516	ng/ul	98
40) Hexachlorocyclopentadiene	12.681	237	133533	14.918	ng/ul	93
41) 2,4,6-Trichlorophenol	12.957	196	149155	18.896	ng/ul	99
42) 2,4,5-Trichlorophenol	13.022	196	166879	18.815	ng/ul	98
43) 1,1'-Biphenyl	13.363	154	720004	18.479	ng/ul	98
44) 2-Chloronaphthalene	13.404	162	539723	17.823	ng/ul	98
45) 2-Nitroaniline	13.616	65	173316	19.467	ng/ul	96
47) Dimethylphthalate	13.998	163	641855	18.229	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	136209	21.619	ng/ul	97
50) Acenaphthylene	14.251	152	899839	18.355	ng/ul	99
51) 3-Nitroaniline	14.445	138	150604	20.538	ng/ul	99
52) Acenaphthene	14.592	153	561072	17.325	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	55660	17.408	ng/ul	92
55) 4-Nitrophenol	14.745	109	109777	18.389	ng/ul	97
56) Dibenzofuran	14.928	168	776469	18.157	ng/ul	97
57) 2,4-Dinitrotoluene	14.904	165	175814	19.820	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.151	232	130104	20.669	ng/ul	90
59) Diethylphthalate	15.363	149	663095	18.334	ng/ul	99
61) Fluorene	15.580	166	618770	18.306	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.580	204	272933	18.053	ng/ul	96
63) 4-Nitroaniline	15.610	138	150019	22.667	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.663	198	81928	16.650	ng/ul	95
67) N-Nitrosodiphenylamine	15.792	169	531077	18.606	ng/ul	95
68) 4-Bromophenyl-phenylether	16.475	248	150115	17.315	ng/ul	97
69) Hexachlorobenzene	16.575	284	177875	18.202	ng/ul	98
70) Atrazine	16.757	200	159133	17.844	ng/ul	98
71) Pentachlorophenol	16.922	266	94006	16.565	ng/ul	98
72) Phenanthrene	17.322	178	939500	17.731	ng/ul	99
74) Anthracene	17.416	178	923481	17.366	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.322	216	237069	17.637	ng/uL	94
76) Pentachlorobenzene	14.839	250	216447	17.984	ng/uL	98
77) Carbazole	17.686	167	893387	18.394	ng/ul	99
78) Di-n-butylphthalate	18.269	149	1087960	18.628	ng/ul	99
80) Fluoranthene	19.345	202	1026089	18.542	ng/ul	98
82) Pyrene	19.710	202	1078376	18.420	ng/ul	95
83) Butylbenzylphthalate	20.627	149	453356	19.001	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.404	252	342270	23.277	ng/ul	98
85) Benzo(a)anthracene	21.463	228	984870	17.660	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.415	149	708387	19.194	ng/ul	98
87) Chrysene	21.515	228	924919	17.697	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	1156425	17.190	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	947836	17.339	ng/ul	98
91) Benzo(k)fluoranthene	23.180	252	972037	17.372	ng/ul	99
93) Benzo(a)pyrene	23.751	252	866163	16.522	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.315	276	1121741	17.572	ng/ul	96
95) Dibenzo(a,h)anthracene	26.345	278	905545	17.375	ng/ul	96
96) Benzo(g,h,i)perylene	27.074	276	922928	17.285	ng/ul	95

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

