

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101624\
 Data File : BN034612.D
 Acq On : 16 Oct 2024 15:59
 Operator : RC/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV230

Quant Time: Oct 16 16:30:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 15:50:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	206729	20.000	ng/u1	0.00
20) Naphthalene-d8	10.439	136	831956	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	455289	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.039	188	830685	20.000	ng/u1	0.00
79) Chrysene-d12	21.268	240	724577	20.000	ng/u1	0.00
88) Perylene-d12	24.156	264	826385	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	40678	7.874	ng/uL	0.00
4) Pyridine-d5	3.593	84	313480	20.781	ng/u1	0.00
7) Phenol-d5	6.834	99	336909	19.858	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.004	67	227344	21.724	ng/u1	0.00
11) 2-Chlorophenol-d4	7.198	132	267551	20.415	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	254396	19.240	ng/u1	0.00
21) Nitrobenzene-d5	8.804	128	125261	21.636	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	104210	22.778	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	222273	21.078	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	353989	19.568	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	586390	20.359	ng/u1	0.00
49) Acenaphthylene-d8	13.986	160	761486	21.284	ng/u1	0.00
54) 4-Nitrophenol-d4	14.486	143	108074	20.142	ng/u1	0.00
60) Fluorene-d10	15.292	176	518072	20.796	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	49621	17.821	ng/u1	0.00
73) Anthracene-d10	17.139	188	750103	21.124	ng/u1	0.00
81) Pyrene-d10	19.433	212	787741	21.174	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	803101	21.092	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	43484	7.834	ng/uL	97
5) Pyridine	3.616	79	279074	18.180	ng/u1	99
6) Benzaldehyde	6.810	77	172417	17.313	ng/u1	98
8) Phenol	6.857	94	344124	19.425	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.098	93	271974	19.470	ng/u1	96
12) 2-Chlorophenol	7.228	128	280218	20.473	ng/u1	97
13) 2-Methylphenol	8.098	108	251259	19.213	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.193	45	406483	19.317	ng/u1	99
16) Acetophenone	8.475	105	410971	19.465	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.469	70	199638	19.416	ng/u1	98
18) 4-Methylphenol	8.422	108	267755	18.886	ng/u1	94
19) Hexachloroethane	8.740	117	114089	19.990	ng/u1	94
22) Nitrobenzene	8.845	77	288024	20.798	ng/u1	99
23) Isophorone	9.375	82	531977	19.432	ng/u1	99
25) 2-Nitrophenol	9.557	139	118354	21.998	ng/u1	99
26) 2,4-Dimethylphenol	9.622	107	235891	17.569	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.863	93	334982	19.837	ng/u1	100
29) 2,4-Dichlorophenol	10.087	162	219931	20.614	ng/u1	98
30) Naphthalene	10.487	128	848950	20.301	ng/u1	98
32) 4-Chloroaniline	10.592	127	351293	20.480	ng/u1	99
33) Hexachlorobutadiene	10.792	225	127726	19.919	ng/u1	99
34) Caprolactam	11.339	113	75821	18.228	ng/u1	92
35) 4-Chloro-3-methylphenol	11.722	107	237153	19.882	ng/u1	96
36) 2-Methylnaphthalene	12.110	142	557971	20.264	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	514329	18.349	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	237985	21.272	ng/ul	98
40) Hexachlorocyclopentadiene	12.469	237	115398	19.418	ng/ul	97
41) 2,4,6-Trichlorophenol	12.716	196	143908	22.154	ng/ul	95
42) 2,4,5-Trichlorophenol	12.786	196	156600	21.757	ng/ul	98
43) 1,1'-Biphenyl	13.133	154	666747	21.325	ng/ul	98
44) 2-Chloronaphthalene	13.169	162	511849	20.945	ng/ul	99
45) 2-Nitroaniline	13.363	65	143548	22.393	ng/ul	99
47) Dimethylphthalate	13.769	163	592348	20.475	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	120856	24.116	ng/ul	96
50) Acenaphthylene	14.016	152	837583	21.606	ng/ul	99
51) 3-Nitroaniline	14.192	138	146681	22.931	ng/ul	91
52) Acenaphthene	14.363	153	551553	20.478	ng/ul	96
53) 2,4-Dinitrophenol	14.398	184	33652	17.213	ng/ul	96
55) 4-Nitrophenol	14.498	109	79031	20.114	ng/ul	98
56) Dibenzofuran	14.698	168	742728	20.752	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	155268	21.724	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.922	232	114876	22.266	ng/ul	97
59) Diethylphthalate	15.145	149	585283	19.940	ng/ul	98
61) Fluorene	15.351	166	596509	20.684	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.357	204	264340	20.419	ng/ul	94
63) 4-Nitroaniline	15.357	138	146604	23.003	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.422	198	58553	18.177	ng/ul	100
67) N-Nitrosodiphenylamine	15.563	169	502621	21.471	ng/ul	100
68) 4-Bromophenyl-phenylether	16.245	248	150178	20.767	ng/ul	99
69) Hexachlorobenzene	16.351	284	173615	20.908	ng/ul	96
70) Atrazine	16.522	200	150940	19.249	ng/ul	99
71) Pentachlorophenol	16.692	266	88227	19.823	ng/ul	93
72) Phenanthrene	17.086	178	869171	20.963	ng/ul	99
74) Anthracene	17.174	178	893323	20.852	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.092	216	221182	21.266	ng/uL	99
76) Pentachlorobenzene	14.616	250	214437	21.544	ng/uL	99
77) Carbazole	17.439	167	842883	21.247	ng/ul	99
78) Di-n-butylphthalate	18.039	149	913529	19.791	ng/ul	99
80) Fluoranthene	19.104	202	924881	20.722	ng/ul	100
82) Pyrene	19.463	202	1002393	21.084	ng/ul	99
83) Butylbenzylphthalate	20.398	149	349445	19.826	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.180	252	318114	21.825	ng/ul	94
85) Benzo(a)anthracene	21.251	228	941223	20.446	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	538781	19.481	ng/ul	99
87) Chrysene	21.310	228	885877	20.274	ng/ul	96
89) Di-n-octyl phthalate	22.345	149	906901	18.882	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	906158	20.406	ng/ul	99
91) Benzo(k)fluoranthene	23.315	252	941637	20.752	ng/ul	100
93) Benzo(a)pyrene	24.021	252	906950	21.095	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.392	276	1136343	21.185	ng/ul	98
95) Dibenzo(a,h)anthracene	27.456	278	925145	21.225	ng/ul	98
96) Benzo(g,h,i)perylene	28.391	276	874531	21.005	ng/ul	98

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

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