

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
 Data File : BN034662.D
 Acq On : 18 Oct 2024 23:49
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020345

Quant Time: Oct 19 00:55:36 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	7.664	152	358948	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1494299	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	811518	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.039	188	1354888	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1081682	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	1272319	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	66831	7.450	ng/uL	0.00
4) Pyridine-d5	3.605	84	489411	18.685	ng/u1	0.00
7) Phenol-d5	6.840	99	569588	19.335	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	353402	19.449	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	467045	20.524	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	448621	19.541	ng/u1	0.00
21) Nitrobenzene-d5	8.811	128	222395	21.387	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	208470	25.369	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	395422	20.877	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	606501	18.666	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1000853	19.495	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	1253239	19.653	ng/u1	0.00
54) 4-Nitrophenol-d4	14.493	143	169459	17.719	ng/u1	0.00
60) Fluorene-d10	15.293	176	834808	18.800	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	76050	16.746	ng/u1	0.00
73) Anthracene-d10	17.139	188	1134625	19.590	ng/u1	0.00
81) Pyrene-d10	19.428	212	1127195	20.295	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	1181762	20.158	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	71634	7.432	ng/uL	95
5) Pyridine	3.623	79	496867	18.642	ng/u1	99
6) Benzaldehyde	6.811	77	377985	21.860	ng/u1	98
8) Phenol	6.864	94	588481	19.131	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.099	93	474275	19.554	ng/u1	97
12) 2-Chlorophenol	7.234	128	479664	20.183	ng/u1	97
13) 2-Methylphenol	8.105	108	437044	19.247	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.187	45	694442	19.006	ng/u1	99
16) Acetophenone	8.481	105	702150	19.153	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.475	70	338185	18.943	ng/u1	95
18) 4-Methylphenol	8.434	108	477641	19.403	ng/u1	100
19) Hexachloroethane	8.734	117	193761	19.553	ng/u1	99
22) Nitrobenzene	8.852	77	510418	20.520	ng/u1	100
23) Isophorone	9.381	82	933573	18.986	ng/u1	98
25) 2-Nitrophenol	9.558	139	238915	24.724	ng/u1	99
26) 2,4-Dimethylphenol	9.628	107	470402	19.506	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.863	93	599467	19.764	ng/u1	99
29) 2,4-Dichlorophenol	10.087	162	400134	20.881	ng/u1	99
30) Naphthalene	10.487	128	1468109	19.546	ng/u1	99
32) 4-Chloroaniline	10.593	127	568804	18.462	ng/u1	99
33) Hexachlorobutadiene	10.787	225	230240	19.991	ng/u1	97
34) Caprolactam	11.352	113	124147	16.617	ng/u1	89
35) 4-Chloro-3-methylphenol	11.728	107	413508	19.301	ng/u1	97
36) 2-Methylnaphthalene	12.104	142	949040	19.189	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	963085	19.129	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.475	216	416029	20.863	ng/ul	97
40) Hexachlorocyclopentadiene	12.463	237	248697	23.478	ng/ul	91
41) 2,4,6-Trichlorophenol	12.722	196	268114	23.157	ng/ul	94
42) 2,4,5-Trichlorophenol	12.787	196	283835	22.123	ng/ul	95
43) 1,1'-Biphenyl	13.128	154	1149950	20.635	ng/ul	99
44) 2-Chloronaphthalene	13.163	162	901177	20.689	ng/ul	99
45) 2-Nitroaniline	13.363	65	250469	21.921	ng/ul	98
47) Dimethylphthalate	13.763	163	1005865	19.506	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	195867	21.927	ng/ul	99
50) Acenaphthylene	14.016	152	1355986	19.624	ng/ul	99
51) 3-Nitroaniline	14.193	138	225213	19.753	ng/ul#	94
52) Acenaphthene	14.357	153	932154	19.417	ng/ul	97
53) 2,4-Dinitrophenol	14.398	184	61017	17.510	ng/ul	97
55) 4-Nitrophenol	14.504	109	126354	18.041	ng/ul	98
56) Dibenzofuran	14.698	168	1247558	19.556	ng/ul	100
57) 2,4-Dinitrotoluene	14.657	165	267027	20.960	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.922	232	192529	20.936	ng/ul	98
59) Diethylphthalate	15.140	149	992605	18.972	ng/ul	99
61) Fluorene	15.345	166	969421	18.859	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.351	204	436422	18.913	ng/ul	97
63) 4-Nitroaniline	15.357	138	218069	19.197	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.422	198	89419	17.019	ng/ul#	90
67) N-Nitrosodiphenylamine	15.563	169	809789	21.209	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	250215	21.213	ng/ul	95
69) Hexachlorobenzene	16.345	284	275595	20.348	ng/ul	98
70) Atrazine	16.522	200	249957	19.543	ng/ul	99
71) Pentachlorophenol	16.692	266	152917	21.065	ng/ul	97
72) Phenanthrene	17.081	178	1342643	19.854	ng/ul	99
74) Anthracene	17.169	178	1385918	19.834	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	400969	23.636	ng/ul	99
76) Pentachlorobenzene	14.616	250	359080	22.118	ng/ul	95
77) Carbazole	17.439	167	1230315	19.014	ng/ul	99
78) Di-n-butylphthalate	18.034	149	1540663	20.464	ng/ul	100
80) Fluoranthene	19.098	202	1352666	20.301	ng/ul	99
82) Pyrene	19.457	202	1437530	20.254	ng/ul	99
83) Butylbenzylphthalate	20.386	149	607939	23.105	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.175	252	411932	18.932	ng/ul	98
85) Benzo(a)anthracene	21.245	228	1359803	19.787	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	912903	22.112	ng/ul	99
87) Chrysene	21.304	228	1283804	19.681	ng/ul	98
89) Di-n-octyl phthalate	22.322	149	1543420	20.872	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	1402977	20.521	ng/ul	99
91) Benzo(k)fluoranthene	23.304	252	1361457	19.488	ng/ul	99
93) Benzo(a)pyrene	24.010	252	1295498	19.572	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.374	276	1638891	19.845	ng/ul	99
95) Dibenzo(a,h)anthracene	27.451	278	1336591	19.917	ng/ul	99
96) Benzo(g,h,i)perylene	28.380	276	1274286	19.880	ng/ul	99

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

