

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101624\
 Data File : BN034607.D
 Acq On : 16 Oct 2024 12:39
 Operator : RC/JU
 Sample : SSTD01087
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD010225

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2024
 Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 16 15:24:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 14:56:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	202895	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	849865	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	496742	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.039	188	968510	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	859500	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	991998	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	19829	3.940	ng/uL	0.00
4) Pyridine-d5	3.599	84	146823	9.760	ng/u1	0.00
7) Phenol-d5	6.828	99	159286	8.861	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	101731	9.132	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	124744	8.841	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	121605	8.302	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	55627	8.300	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	39125	5.922	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	103089	7.999	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	178301	8.907	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	311797	8.537	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	392609	9.370	ng/u1	0.00
54) 4-Nitrophenol-d4	14.481	143	47482	6.464	ng/u1	0.00
60) Fluorene-d10	15.292	176	267735	8.595	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	19187	3.628	ng/u1	0.00
73) Anthracene-d10	17.139	188	403670	8.883	ng/u1	0.00
81) Pyrene-d10	19.433	212	433547	9.089	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	452497	8.903	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	21949	4.078	ng/uL	97
5) Pyridine	3.617	79	150241	9.770	ng/u1	95
6) Benzaldehyde	6.810	77	112800m	11.795	ng/u1	
8) Phenol	6.858	94	167679	8.923	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.099	93	134870	9.228	ng/u1	98
12) 2-Chlorophenol	7.228	128	132030	9.107	ng/u1	99
13) 2-Methylphenol	8.099	108	122335	8.742	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.193	45	205938	9.559	ng/u1	99
16) Acetophenone	8.475	105	201742	8.662	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.469	70	98069	8.547	ng/u1	98
18) 4-Methylphenol	8.422	108	130299	8.414	ng/u1	91
19) Hexachloroethane	8.740	117	54998	8.975	ng/u1	92
22) Nitrobenzene	8.846	77	138252	8.287	ng/u1	98
23) Isophorone	9.375	82	272923	8.754	ng/u1	98
25) 2-Nitrophenol	9.557	139	48264	6.496	ng/u1	98
26) 2,4-Dimethylphenol	9.622	107	134449	8.498	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.863	93	170401	8.872	ng/u1	99
29) 2,4-Dichlorophenol	10.087	162	103566	7.940	ng/u1	98
30) Naphthalene	10.487	128	425792	9.095	ng/u1	99
32) 4-Chloroaniline	10.593	127	172775	8.809	ng/u1	96
33) Hexachlorobutadiene	10.793	225	63544	7.684	ng/u1	97
34) Caprolactam	11.328	113	38447	7.914	ng/u1	92
35) 4-Chloro-3-methylphenol	11.722	107	116391	7.641	ng/u1	98
36) 2-Methylnaphthalene	12.110	142	276837	8.692	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	286204	8.885	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.481	216	123124	8.734	ng/ul	98
40) Hexachlorocyclopentadiene	12.469	237	58127	7.230	ng/ul	98
41) 2,4,6-Trichlorophenol	12.722	196	66603	7.290	ng/ul	90
42) 2,4,5-Trichlorophenol	12.787	196	76051	7.559	ng/ul	97
43) 1,1'-Biphenyl	13.134	154	345216	9.216	ng/ul	99
44) 2-Chloronaphthalene	13.169	162	271262	9.310	ng/ul	98
45) 2-Nitroaniline	13.363	65	62682	6.920	ng/ul	98
47) Dimethylphthalate	13.763	163	315967	8.523	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	47762	6.683	ng/ul	97
50) Acenaphthylene	14.016	152	428404	9.376	ng/ul	98
51) 3-Nitroaniline	14.192	138	58416	7.292	ng/ul#	98
52) Acenaphthene	14.363	153	297845	9.184	ng/ul	96
53) 2,4-Dinitrophenol	14.398	184	12178	3.042	ng/ul	99
55) 4-Nitrophenol	14.498	109	38629	6.316	ng/ul	99
56) Dibenzofuran	14.698	168	396243	8.988	ng/ul	100
57) 2,4-Dinitrotoluene	14.657	165	67729	6.360	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.922	232	51505	6.353	ng/ul	96
59) Diethylphthalate	15.145	149	316698	8.203	ng/ul	99
61) Fluorene	15.351	166	321383	8.911	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.357	204	143776	8.362	ng/ul	99
63) 4-Nitroaniline	15.351	138	64933	7.871	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.416	198	23543	3.972	ng/ul#	86
67) N-Nitrosodiphenylamine	15.563	169	269359	9.221	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	82133	8.474	ng/ul	97
69) Hexachlorobenzene	16.351	284	96634	8.663	ng/ul	96
70) Atrazine	16.522	200	85964	8.292	ng/ul	99
71) Pentachlorophenol	16.692	266	40676	5.635	ng/ul	93
72) Phenanthrene	17.081	178	486930	9.180	ng/ul	99
74) Anthracene	17.175	178	499509	9.192	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	120154	8.982	ng/ul	95
76) Pentachlorobenzene	14.616	250	114934	8.498	ng/ul	96
77) Carbazole	17.439	167	462131	9.148	ng/ul	99
78) Di-n-butylphthalate	18.039	149	515372	8.234	ng/ul	99
80) Fluoranthene	19.104	202	529771	9.417	ng/ul	99
82) Pyrene	19.463	202	564158	9.296	ng/ul	100
83) Butylbenzylphthalate	20.398	149	183460	6.987	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.180	252	165297	8.589	ng/ul	91
85) Benzo(a)anthracene	21.251	228	547936	8.981	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	304167	7.875	ng/ul	99
87) Chrysene	21.310	228	511976	8.795	ng/ul	98
89) Di-n-octyl phthalate	22.345	149	496694	7.667	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	518685	8.609	ng/ul	100
91) Benzo(k)fluoranthene	23.316	252	536785	8.987	ng/ul	100
93) Benzo(a)pyrene	24.021	252	508012	8.905	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.392	276	643510	9.100	ng/ul	99
95) Dibenzo(a,h)anthracene	27.462	278	515128	8.970	ng/ul	99
96) Benzo(g,h,i)perylene	28.386	276	491313	8.921	ng/ul	99

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

