

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011624\
 Data File : BN029241.D
 Acq On : 16 Jan 2024 09:42
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020288

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024

Quant Time: Jan 17 01:16:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 16 03:57:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	118731	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	553216	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	372896	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.334	188	864583	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	917729	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	1061816	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	21322	7.417	ng/uL	0.00
4) Pyridine-d5	3.781	84	158077	17.827	ng/u1	0.00
7) Phenol-d5	7.099	99	204984	17.994	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	133883	18.633	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	156213	19.385	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	169725	18.479	ng/u1	0.00
21) Nitrobenzene-d5	9.111	128	78517	19.564	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	64003	19.230	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	160238	19.341	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	273439	18.236	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	583996	19.026	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	658385	19.046	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	95079	17.798	ng/u1	0.00
60) Fluorene-d10	15.575	176	502609	19.213	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.693	200	55653	15.306	ng/u1	0.00
73) Anthracene-d10	17.434	188	824093	18.961	ng/u1	0.00
81) Pyrene-d10	19.728	212	964488	18.913	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	1028133	18.787	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	22508	7.717	ng/uL	96
5) Pyridine	3.799	79	165285	18.245	ng/u1	96
6) Benzaldehyde	7.087	77	125475m	24.543	ng/u1	
8) Phenol	7.128	94	208049	17.969	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.375	93	174082	18.525	ng/u1	99
12) 2-Chlorophenol	7.499	128	163053	19.437	ng/u1	97
13) 2-Methylphenol	8.381	108	159529	18.089	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.475	45	227376	18.921	ng/u1	99
16) Acetophenone	8.769	105	295012	18.956	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.758	70	159252	19.442	ng/u1	99
18) 4-Methylphenol	8.716	108	174070	18.341	ng/u1	93
19) Hexachloroethane	9.016	117	72339	18.995	ng/u1	92
22) Nitrobenzene	9.152	77	215046	19.381	ng/u1	97
23) Isophorone	9.675	82	446255	18.921	ng/u1	99
25) 2-Nitrophenol	9.858	139	77329	19.843	ng/u1	97
26) 2,4-Dimethylphenol	9.922	107	201926	19.380	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.169	93	257561	19.401	ng/u1	98
29) 2,4-Dichlorophenol	10.387	162	162499	19.944	ng/u1	98
30) Naphthalene	10.793	128	599828	19.015	ng/u1	99
32) 4-Chloroaniline	10.910	127	266560	18.274	ng/u1	100
33) Hexachlorobutadiene	11.069	225	109011	18.956	ng/u1	95
34) Caprolactam	11.675	113	58601m	17.746	ng/u1	
35) 4-Chloro-3-methylphenol	12.028	107	194120	20.082	ng/u1	99
36) 2-Methylnaphthalene	12.404	142	420230	19.050	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	418470	19.118	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	219321	18.872	ng/ul	97
40) Hexachlorocyclopentadiene	12.740	237	132643	17.047	ng/ul	92
41) 2,4,6-Trichlorophenol	13.010	196	128573	19.966	ng/ul	99
42) 2,4,5-Trichlorophenol	13.081	196	145543	20.132	ng/ul	99
43) 1,1'-Biphenyl	13.416	154	570441	18.983	ng/ul	100
44) 2-Chloronaphthalene	13.457	162	448070	19.087	ng/ul	98
45) 2-Nitroaniline	13.669	65	125839	20.224	ng/ul	95
47) Dimethylphthalate	14.051	163	592744	18.963	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	104090	20.597	ng/ul	95
50) Acenaphthylene	14.304	152	758657	18.916	ng/ul	100
51) 3-Nitroaniline	14.493	138	107404	19.566	ng/ul	95
52) Acenaphthene	14.646	153	504569	19.166	ng/ul	98
53) 2,4-Dinitrophenol	14.698	184	33157	15.352	ng/ul	99
55) 4-Nitrophenol	14.793	109	91173	18.630	ng/ul	98
56) Dibenzofuran	14.981	168	698457	19.616	ng/ul	98
57) 2,4-Dinitrotoluene	14.951	165	154195	20.835	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.204	232	120063	20.129	ng/ul	99
59) Diethylphthalate	15.416	149	618779	18.977	ng/ul	99
61) Fluorene	15.634	166	597097	19.364	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.634	204	292717	19.428	ng/ul	98
63) 4-Nitroaniline	15.657	138	115385	21.346	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.710	198	67695	16.168	ng/ul	100
67) N-Nitrosodiphenylamine	15.845	169	491038	18.731	ng/ul	98
68) 4-Bromophenyl-phenylether	16.528	248	177912	18.410	ng/ul	97
69) Hexachlorobenzene	16.622	284	216993	18.656	ng/ul#	90
70) Atrazine	16.810	200	178006	17.883	ng/ul	96
71) Pentachlorophenol	16.975	266	106967	17.021	ng/ul	94
72) Phenanthrene	17.375	178	953917	19.017	ng/ul	99
74) Anthracene	17.469	178	991532	19.035	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.375	216	217536	18.609	ng/uL	92
76) Pentachlorobenzene	14.893	250	232810	19.240	ng/uL	96
77) Carbazole	17.739	167	882122	18.313	ng/ul	99
78) Di-n-butylphthalate	18.322	149	1121167	19.086	ng/ul	100
80) Fluoranthene	19.392	202	1144887	19.001	ng/ul	99
82) Pyrene	19.757	202	1201873	18.779	ng/ul	99
83) Butylbenzylphthalate	20.686	149	490457	19.598	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.457	252	395131	18.558	ng/ul	96
85) Benzo(a)anthracene	21.516	228	1300189	19.226	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.475	149	803616	19.448	ng/ul	99
87) Chrysene	21.569	228	1198385	19.160	ng/ul	99
89) Di-n-octyl phthalate	22.422	149	1286707	17.190	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	1307850	19.423	ng/ul	97
91) Benzo(k)fluoranthene	23.263	252	1284916	19.150	ng/ul	99
93) Benzo(a)pyrene	23.845	252	1220579	19.118	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.457	276	1514590	18.744	ng/ul	96
95) Dibenzo(a,h)anthracene	26.486	278	1272267	18.880	ng/ul	100
96) Benzo(g,h,i)perylene	27.221	276	1167784	18.098	ng/ul	96

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

