

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101122\
 Data File : BN022054.D
 Acq On : 11 Oct 2022 16:18
 Operator : CG/JU
 Sample : SSTD04032
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD040241

Quant Time: Oct 12 03:07:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 03:00:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/12/2022
 Supervised By :mohammad ahmed 10/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	97758	20.000	ng/u1	0.00
20) Naphthalene-d8	10.799	136	482767	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.640	164	317692	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	668381	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	652142	20.000	ng/u1	0.00
88) Perylene-d12	24.069	264	697293	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	40986	15.742	ng/uL	0.00
4) Pyridine-d5	3.699	84	327157	46.103	ng/u1	0.00
7) Phenol-d5	7.122	99	391447	44.150	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	253901	47.309	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	285107	44.198	ng/u1	0.00
15) 4-Methylphenol-d8	8.687	113	317578	45.650	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	153969	46.811	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	162544	55.327	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	291281	44.769	ng/u1	0.00
31) 4-Chloroaniline-d4	10.940	131	464550	42.042	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	949723	43.738	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	1074347	42.440	ng/u1	0.00
54) 4-Nitrophenol-d4	14.845	143	205598	47.581	ng/u1	0.00
60) Fluorene-d10	15.634	176	778238	41.189	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	159797	59.773	ng/u1	0.00
73) Anthracene-d10	17.492	188	1234026	41.896	ng/u1	0.00
81) Pyrene-d10	19.792	212	1399208	45.116	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.910	264	1482078	44.843	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	44290	16.517	ng/uL	89
5) Pyridine	3.723	79	323281	45.276	ng/u1	97
6) Benzaldehyde	7.099	77	215888	56.041	ng/u1	99
8) Phenol	7.152	94	419341	45.769	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.387	93	335323	45.900	ng/u1	98
12) 2-Chlorophenol	7.522	128	311898	45.069	ng/u1	98
13) 2-Methylphenol	8.416	108	313585	45.046	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.511	45	503996	54.695	ng/u1	100
16) Acetophenone	8.805	105	522994	47.532	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.793	70	284275	51.887	ng/u1	98
18) 4-Methylphenol	8.752	108	357680	46.774	ng/u1	99
19) Hexachloroethane	9.058	117	120949	43.848	ng/u1	94
22) Nitrobenzene	9.193	77	404092	49.855	ng/u1	100
23) Isophorone	9.722	82	804282	48.188	ng/u1	98
25) 2-Nitrophenol	9.905	139	188341	54.728	ng/u1	99
26) 2,4-Dimethylphenol	9.969	107	379943	44.585	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.210	93	480517	45.973	ng/u1	97
29) 2,4-Dichlorophenol	10.440	162	309105	45.343	ng/u1	91
30) Naphthalene	10.852	128	1085324	43.176	ng/u1	98
32) 4-Chloroaniline	10.963	127	490943	42.873	ng/u1	97
33) Hexachlorobutadiene	11.128	225	161046	41.007	ng/u1	97
34) Caprolactam	11.752	113	117238m	44.960	ng/u1	
35) 4-Chloro-3-methylphenol	12.093	107	375698	48.900	ng/u1	95
36) 2-Methylnaphthalene	12.463	142	744954	43.809	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.681	142	754516	44.150	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.828	216	343243	42.134	ng/ul	93
40) Hexachlorocyclopentadiene	12.804	237	179225	36.953	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.075	196	247331	48.931	ng/ul	95
42) 2,4,5-Trichlorophenol	13.140	196	267162	48.172	ng/ul	96
43) 1,1'-Biphenyl	13.475	154	963405	41.496	ng/ul	98
44) 2-Chloronaphthalene	13.516	162	746384	41.993	ng/ul	99
45) 2-Nitroaniline	13.728	65	258737	58.039	ng/ul	98
47) Dimethylphthalate	14.098	163	987403	44.456	ng/ul	100
48) 2,6-Dinitrotoluene	14.222	165	200479	52.612	ng/ul	99
50) Acenaphthylene	14.363	152	1192124	40.793	ng/ul	100
51) 3-Nitroaniline	14.551	138	228830	53.905	ng/ul	96
52) Acenaphthene	14.704	153	847614	44.888	ng/ul	98
53) 2,4-Dinitrophenol	14.757	184	125890	67.486	ng/ul	97
55) 4-Nitrophenol	14.857	109	165354	47.739	ng/ul	96
56) Dibenzofuran	15.040	168	1134839	41.830	ng/ul	99
57) 2,4-Dinitrotoluene	15.010	165	298510	53.940	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.263	232	223269	52.449	ng/ul	99
59) Diethylphthalate	15.463	149	1020647	45.567	ng/ul	97
61) Fluorene	15.693	166	935704	43.731	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.681	204	423613	42.947	ng/ul	98
63) 4-Nitroaniline	15.716	138	227733	53.457	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.769	198	173230	61.164	ng/ul	99
67) N-Nitrosodiphenylamine	15.898	169	819764	43.760	ng/ul	98
68) 4-Bromophenyl-phenylether	16.581	248	258976	43.567	ng/ul	98
69) Hexachlorobenzene	16.692	284	289624	40.930	ng/ul	95
70) Atrazine	16.857	200	285906	43.131	ng/ul	100
71) Pentachlorophenol	17.045	266	183282	46.524	ng/ul	95
72) Phenanthrene	17.439	178	1529127	43.313	ng/ul	98
74) Anthracene	17.528	178	1541470	43.849	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.440	216	343204	40.344	ng/uL	95
76) Pentachlorobenzene	14.957	250	374745	46.243	ng/uL	95
77) Carbazole	17.804	167	1464252	44.076	ng/ul	99
78) Di-n-butylphthalate	18.363	149	1863121	49.744	ng/ul	99
80) Fluoranthene	19.457	202	1777817	47.525	ng/ul	99
82) Pyrene	19.822	202	1826322	46.842	ng/ul	99
83) Butylbenzylphthalate	20.722	149	870516	58.990	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.516	252	631673	50.801	ng/ul	98
85) Benzo(a)anthracene	21.580	228	1756388	44.731	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.498	149	1259605	55.748	ng/ul	100
87) Chrysene	21.633	228	1701406	44.754	ng/ul	95
89) Di-n-octyl phthalate	22.445	149	2324058	56.899	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	1924236	45.359	ng/ul	94
91) Benzo(k)fluoranthene	23.363	252	1856658	48.926	ng/ul	99
93) Benzo(a)pyrene	23.963	252	1752711	43.182	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.680	276	2162300	43.394	ng/ul	98
95) Dibenzo(a,h)anthracene	26.698	278	2017956	47.987	ng/ul	97
96) Benzo(g,h,i)perylene	27.474	276	1933532	44.467	ng/ul	93

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

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