

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032824\
 Data File : BN030518.D
 Acq On : 28 Mar 2024 10:46
 Operator : MA/JU
 Sample : SSTD01033
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD010211

Quant Time: Mar 28 12:51:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 28 12:36:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 03/28/2024

Supervised By :Mohammad
 ahmed
 03/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	228047	20.000	ng/u1	0.00
20) Naphthalene-d8	10.504	136	1062017	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	747031	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	1586827	20.000	ng/u1	0.00
79) Chrysene-d12	21.345	240	1511661	20.000	ng/u1	0.00
88) Perylene-d12	24.298	264	1521840	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	19388	3.681	ng/uL	0.00
4) Pyridine-d5	3.622	84	143448	8.854	ng/u1	0.00
7) Phenol-d5	6.881	99	168857	8.351	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.058	67	115006	8.961	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	133835	9.381	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	140974	8.401	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	68705	9.550	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	55783	8.677	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	140562	9.794	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	240109	9.524	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	509842	9.865	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	578911	9.888	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	81796	8.225	ng/u1	0.00
60) Fluorene-d10	15.351	176	451528	10.134	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	47052	7.131	ng/u1	0.00
73) Anthracene-d10	17.204	188	708196	10.363	ng/u1	0.00
81) Pyrene-d10	19.498	212	806502	10.204	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.092	264	679398	9.583	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	20881	3.708	ng/uL	95
5) Pyridine	3.640	79	145359	8.931	ng/u1	98
6) Benzaldehyde	6.863	77	100183	10.222	ng/u1	99
8) Phenol	6.905	94	184012	8.703	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.146	93	158026	9.074	ng/u1	100
12) 2-Chlorophenol	7.281	128	145111	9.386	ng/u1	96
13) 2-Methylphenol	8.152	108	137208	8.453	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.246	45	224903	9.327	ng/u1	100
16) Acetophenone	8.540	105	252450	9.267	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.522	70	123075	8.514	ng/u1	97
18) 4-Methylphenol	8.481	108	156082	8.599	ng/u1	97
19) Hexachloroethane	8.787	117	62380	9.801	ng/u1	91
22) Nitrobenzene	8.916	77	174733	9.377	ng/u1	97
23) Isophorone	9.440	82	343229	8.514	ng/u1	100
25) 2-Nitrophenol	9.616	139	69439	9.178	ng/u1	99
26) 2,4-Dimethylphenol	9.681	107	172432	9.410	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.922	93	227225	9.115	ng/u1	98
29) 2,4-Dichlorophenol	10.146	162	146674	10.006	ng/u1	99
30) Naphthalene	10.551	128	550772	9.998	ng/u1	100
32) 4-Chloroaniline	10.663	127	239332	9.798	ng/u1	95
33) Hexachlorobutadiene	10.834	225	95108	10.868	ng/u1	98
34) Caprolactam	11.422	113	47646m	7.854	ng/u1	
35) 4-Chloro-3-methylphenol	11.781	107	162468	9.104	ng/u1	99
36) 2-Methylnaphthalene	12.169	142	385066	9.936	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	394857	10.098	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.534	216	194285	10.481	ng/ul	97
40) Hexachlorocyclopentadiene	12.516	237	102024	9.913	ng/ul	96
41) 2,4,6-Trichlorophenol	12.781	196	112753	9.616	ng/ul	95
42) 2,4,5-Trichlorophenol	12.845	196	129625	9.944	ng/ul	97
43) 1,1'-Biphenyl	13.187	154	529014	10.254	ng/ul	99
44) 2-Chloronaphthalene	13.228	162	414223	10.338	ng/ul	98
45) 2-Nitroaniline	13.434	65	98162	8.868	ng/ul	96
47) Dimethylphthalate	13.822	163	524286	9.723	ng/ul	99
48) 2,6-Dinitrotoluene	13.934	165	86855	9.282	ng/ul#	93
50) Acenaphthylene	14.075	152	683770	9.982	ng/ul	99
51) 3-Nitroaniline	14.263	138	94601	9.180	ng/ul	97
52) Acenaphthene	14.422	153	460220	10.205	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	23932	5.680	ng/ul	90
55) 4-Nitrophenol	14.563	109	70270	9.038	ng/ul	96
56) Dibenzofuran	14.757	168	644712	10.405	ng/ul	98
57) 2,4-Dinitrotoluene	14.722	165	129560	9.417	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.981	232	105848	9.637	ng/ul	97
59) Diethylphthalate	15.192	149	527732	9.581	ng/ul	100
61) Fluorene	15.404	166	527233	10.270	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.410	204	258526	10.506	ng/ul	96
63) 4-Nitroaniline	15.422	138	96065	9.240	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.475	198	53927	7.386	ng/ul#	96
67) N-Nitrosodiphenylamine	15.622	169	448328	10.278	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	150730	10.252	ng/ul	97
69) Hexachlorobenzene	16.398	284	182207	10.520	ng/ul	97
70) Atrazine	16.575	200	143034	9.422	ng/ul	99
71) Pentachlorophenol	16.745	266	82734	8.036	ng/ul	96
72) Phenanthrene	17.145	178	865679	10.547	ng/ul	99
74) Anthracene	17.233	178	873646	10.439	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.145	216	197550	10.751	ng/uL	94
76) Pentachlorobenzene	14.669	250	203687	10.673	ng/uL	99
77) Carbazole	17.504	167	779318	10.562	ng/ul	98
78) Di-n-butylphthalate	18.080	149	879130	9.480	ng/ul	100
80) Fluoranthene	19.163	202	970273	10.155	ng/ul	98
82) Pyrene	19.527	202	1052272	10.545	ng/ul	99
83) Butylbenzylphthalate	20.445	149	352971	8.984	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.257	252	266286	8.786	ng/ul	99
85) Benzo(a)anthracene	21.321	228	1009310	9.905	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.269	149	550631	8.988	ng/ul	99
87) Chrysene	21.386	228	965844	10.235	ng/ul	97
89) Di-n-octyl phthalate	22.392	149	779443	8.222	ng/ul	100
90) Benzo(b)fluoranthene	23.363	252	905031	10.143	ng/ul	99
91) Benzo(k)fluoranthene	23.427	252	932480	10.157	ng/ul	99
93) Benzo(a)pyrene	24.151	252	857274	10.086	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.615	276	859408	9.034	ng/ul	98
95) Dibenzo(a,h)anthracene	27.674	278	733396	9.195	ng/ul	95
96) Benzo(g,h,i)perylene	28.639	276	680433	9.080	ng/ul	96

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

