

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081822\
 Data File : BN021285.D
 Acq On : 18 Aug 2022 18:10
 Operator : CG/JU
 Sample : SSTD01024
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD010225

Manual Integrations

APPROVED

Reviewed By :Jagrut
Upadhyay

08/19/2022

Supervised By :Sohil
Jodhani

08/22/2022

Quant Time: Aug 18 19:42:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 18 19:40:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	113219	20.000	ng/u1	0.00
20) Naphthalene-d8	10.934	136	457821	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.757	164	260001	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.510	188	510147	20.000	ng/u1	0.00
79) Chrysene-d12	21.704	240	476159	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	485264	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	12563	4.806	ng/uL	0.00
4) Pyridine-d5	3.823	84	78843	11.035	ng/u1	0.00
7) Phenol-d5	7.246	99	93737	10.006	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	58506	9.995	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	73180	9.614	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	68157	8.409	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	27165	7.799	ng/u1	0.00
24) 2-Nitrophenol-d4	10.005	143	21637	5.853	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	61553	9.539	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	97862	9.365	ng/u1	0.00
46) Dimethylphthalate-d6	14.169	166	170702	9.023	ng/u1	0.00
49) Acenaphthylene-d8	14.451	160	215099	9.804	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	21478	5.666	ng/u1	0.00
60) Fluorene-d10	15.745	176	152791	9.760	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	10357	3.505	ng/u1	0.00
73) Anthracene-d10	17.604	188	232680	10.451	ng/u1	0.00
81) Pyrene-d10	19.898	212	244595	9.475	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	233646	9.841	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	13646	4.945	ng/uL#	89
5) Pyridine	3.840	79	79563	10.622	ng/u1	88
6) Benzaldehyde	7.222	77	43971	9.961	ng/u1	95
8) Phenol	7.269	94	96959	9.719	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.516	93	79208	10.144	ng/u1	93
12) 2-Chlorophenol	7.652	128	78256	9.835	ng/u1	96
13) 2-Methylphenol	8.546	108	71885	9.373	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.646	45	98806m	8.070	ng/u1	
16) Acetophenone	8.934	105	113671	9.222	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.916	70	55080	8.747	ng/u1	94
18) 4-Methylphenol	8.875	108	75660	8.938	ng/u1	98
19) Hexachloroethane	9.199	117	33306	10.403	ng/u1	91
22) Nitrobenzene	9.316	77	70255	8.699	ng/u1	99
23) Isophorone	9.846	82	153984	9.657	ng/u1	99
25) 2-Nitrophenol	10.040	139	25536	6.252	ng/u1	94
26) 2,4-Dimethylphenol	10.093	107	80457	9.508	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.340	93	98217	10.065	ng/u1	99
29) 2,4-Dichlorophenol	10.575	162	62803	9.409	ng/u1	99
30) Naphthalene	10.987	128	243720	10.272	ng/u1	98
32) 4-Chloroaniline	11.093	127	99952	9.563	ng/u1	98
33) Hexachlorobutadiene	11.269	225	39248	10.241	ng/u1	99
34) Caprolactam	11.840	113	17431	6.687	ng/u1	88
35) 4-Chloro-3-methylphenol	12.210	107	64245	8.151	ng/u1	94
36) 2-Methylnaphthalene	12.593	142	157297	9.806	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	158763	9.699	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.951	216	72788	10.977	ng/ul	94
40) Hexachlorocyclopentadiene	12.934	237	40615	10.069	ng/ul#	91
41) 2,4,6-Trichlorophenol	13.193	196	41004	8.968	ng/ul	94
42) 2,4,5-Trichlorophenol	13.257	196	42921	8.476	ng/ul	99
43) 1,1'-Biphenyl	13.593	154	201708	10.477	ng/ul	99
44) 2-Chloronaphthalene	13.640	162	152507	10.442	ng/ul	98
45) 2-Nitroaniline	13.834	65	25388	5.587	ng/ul	93
47) Dimethylphthalate	14.210	163	180693	9.488	ng/ul	99
48) 2,6-Dinitrotoluene	14.328	165	21137	5.677	ng/ul#	94
50) Acenaphthylene	14.481	152	249640	10.277	ng/ul	99
51) 3-Nitroaniline	14.657	138	21604	5.488	ng/ul#	94
52) Acenaphthene	14.822	153	162063	10.214	ng/ul	99
53) 2,4-Dinitrophenol	14.857	184	6980	2.928	ng/ul	99
55) 4-Nitrophenol	14.963	109	19593	6.055	ng/ul	95
56) Dibenzofuran	15.151	168	223497	9.999	ng/ul	99
57) 2,4-Dinitrotoluene	15.110	165	28631	5.193	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.375	232	30068	7.564	ng/ul#	89
59) Diethylphthalate	15.575	149	179829	9.171	ng/ul	99
61) Fluorene	15.804	166	182034	10.466	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	84422	10.539	ng/ul	98
63) 4-Nitroaniline	15.816	138	21302	5.791	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.869	198	11250	3.755	ng/ul#	85
67) N-Nitrosodiphenylamine	16.010	169	152184	10.406	ng/ul	99
68) 4-Bromophenyl-phenylether	16.692	248	47331	10.654	ng/ul	92
69) Hexachlorobenzene	16.804	284	55727	10.912	ng/ul	90
70) Atrazine	16.963	200	50420	9.881	ng/ul	95
71) Pentachlorophenol	17.151	266	22372	7.034	ng/ul	92
72) Phenanthrene	17.551	178	276634	10.275	ng/ul	97
74) Anthracene	17.639	178	280548	10.363	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.557	216	74856	10.958	ng/uL	89
76) Pentachlorobenzene	15.069	250	69941	11.584	ng/uL	100
77) Carbazole	17.910	167	256803	10.427	ng/ul	98
78) Di-n-butylphthalate	18.481	149	294930	9.658	ng/ul	99
80) Fluoranthene	19.563	202	306529	9.832	ng/ul#	95
82) Pyrene	19.928	202	325071	10.163	ng/ul#	92
83) Butylbenzylphthalate	20.833	149	111805	7.767	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.616	252	93361	10.266	ng/ul#	94
85) Benzo(a)anthracene	21.686	228	287562	9.564	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.616	149	189617	9.336	ng/ul	99
87) Chrysene	21.739	228	292702	9.950	ng/ul	94
89) Di-n-octyl phthalate	22.598	149	319376	8.086	ng/ul	100
90) Benzo(b)fluoranthene	23.463	252	310811	10.205	ng/ul#	96
91) Benzo(k)fluoranthene	23.516	252	278183	9.595	ng/ul	95
93) Benzo(a)pyrene	24.133	252	296344	10.052	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.927	276	344550	11.359	ng/ul	98
95) Dibenzo(a,h)anthracene	26.968	278	294106	11.352	ng/ul	98
96) Benzo(g,h,i)perylene	27.768	276	302265	11.801	ng/ul	94

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

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