

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051524\
 Data File : BN031522.D
 Acq On : 14 May 2024 13:12
 Operator : MA/JU
 Sample : SSTD01057
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD010239

Manual Integrations

APPROVED

Reviewed By :Jagrut
Upadhyay

05/15/2024

Supervised By :mohammad
ahmed

05/17/2024

Quant Time: May 14 15:32:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 14 15:23:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	292808	20.000	ng/u1	0.00
20) Naphthalene-d8	10.481	136	1269102	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.334	164	805638	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	1644102	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1698754	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1871200	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	28726	4.154	ng/uL	0.00
4) Pyridine-d5	3.605	84	202200	10.942	ng/u1	0.00
7) Phenol-d5	6.858	99	220234	9.659	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	166688	12.400	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	155775	8.454	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	166982	9.023	ng/u1	0.00
21) Nitrobenzene-d5	8.852	128	76743	8.249	ng/u1	0.00
24) 2-Nitrophenol-d4	9.569	143	50405	5.246	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	144075	7.840	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	277090	10.473	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	489644	8.661	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	605614	9.513	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	73314	7.382	ng/u1	0.00
60) Fluorene-d10	15.328	176	466649	9.919	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	39938	4.432	ng/u1	0.00
73) Anthracene-d10	17.175	188	708591	9.986	ng/u1	0.00
81) Pyrene-d10	19.469	212	804249	8.384	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	765432	8.672	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	30459	4.368	ng/uL	94
5) Pyridine	3.623	79	211831	11.345	ng/u1	95
6) Benzaldehyde	6.846	77	148913	13.298	ng/u1	99
8) Phenol	6.887	94	243547	10.433	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.128	93	218021	11.531	ng/u1	99
12) 2-Chlorophenol	7.264	128	173565	8.949	ng/u1	99
13) 2-Methylphenol	8.134	108	169503	9.536	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.222	45	301296	13.859	ng/u1	99
16) Acetophenone	8.516	105	320110	10.705	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.499	70	156486	10.568	ng/u1	99
18) 4-Methylphenol	8.458	108	187076	9.778	ng/u1	99
19) Hexachloroethane	8.769	117	82677	9.630	ng/u1	90
22) Nitrobenzene	8.893	77	226207	9.905	ng/u1	99
23) Isophorone	9.416	82	428488	9.867	ng/u1	99
25) 2-Nitrophenol	9.599	139	62260	5.929	ng/u1	96
26) 2,4-Dimethylphenol	9.658	107	187020	8.621	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.905	93	289766	11.208	ng/u1	98
29) 2,4-Dichlorophenol	10.128	162	149326	8.202	ng/u1	99
30) Naphthalene	10.534	128	678157	10.311	ng/u1	99
32) 4-Chloroaniline	10.640	127	272444	10.601	ng/u1	98
33) Hexachlorobutadiene	10.816	225	106124	8.364	ng/u1	95
34) Caprolactam	11.393	113	45458m	7.720	ng/u1	
35) 4-Chloro-3-methylphenol	11.763	107	172392	8.169	ng/u1	98
36) 2-Methylnaphthalene	12.146	142	434828	9.762	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	440479	9.927	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.516	216	214725	9.617	ng/ul	99
40) Hexachlorocyclopentadiene	12.499	237	101939	7.076	ng/ul	94
41) 2,4,6-Trichlorophenol	12.757	196	94489	6.652	ng/ul	97
42) 2,4,5-Trichlorophenol	12.822	196	117433	7.592	ng/ul	98
43) 1,1'-Biphenyl	13.169	154	579978	10.145	ng/ul	98
44) 2-Chloronaphthalene	13.204	162	453506	10.025	ng/ul	96
45) 2-Nitroaniline	13.410	65	97302	7.784	ng/ul	99
47) Dimethylphthalate	13.798	163	533973	9.229	ng/ul	99
48) 2,6-Dinitrotoluene	13.916	165	75760	6.723	ng/ul	95
50) Acenaphthylene	14.057	152	749999	10.188	ng/ul	99
51) 3-Nitroaniline	14.240	138	86638	7.645	ng/ul#	98
52) Acenaphthene	14.398	153	495086	10.065	ng/ul	96
53) 2,4-Dinitrophenol	14.440	184	23826	3.775	ng/ul	90
55) 4-Nitrophenol	14.534	109	67533	6.811	ng/ul	97
56) Dibenzofuran	14.734	168	673631	10.252	ng/ul	98
57) 2,4-Dinitrotoluene	14.698	165	107636	6.616	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.957	232	80248	6.229	ng/ul	95
59) Diethylphthalate	15.169	149	514776	8.617	ng/ul	100
61) Fluorene	15.381	166	560744	10.296	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.387	204	267939	9.992	ng/ul	98
63) 4-Nitroaniline	15.398	138	93248	9.073	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.457	198	46291	4.906	ng/ul	99
67) N-Nitrosodiphenylamine	15.598	169	450205	9.747	ng/ul	95
68) 4-Bromophenyl-phenylether	16.281	248	147229	9.065	ng/ul	97
69) Hexachlorobenzene	16.381	284	180014	9.430	ng/ul	95
70) Atrazine	16.551	200	128255	8.585	ng/ul	97
71) Pentachlorophenol	16.722	266	63150	5.443	ng/ul	92
72) Phenanthrene	17.122	178	883684	10.433	ng/ul	99
74) Anthracene	17.210	178	902010	10.427	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.128	216	206663	9.398	ng/uL	89
76) Pentachlorobenzene	14.651	250	206243	9.471	ng/uL	95
77) Carbazole	17.481	167	793585	10.569	ng/ul	98
78) Di-n-butylphthalate	18.063	149	795431	8.046	ng/ul	99
80) Fluoranthene	19.139	202	960751	8.375	ng/ul	99
82) Pyrene	19.498	202	1073927	8.920	ng/ul	99
83) Butylbenzylphthalate	20.416	149	259717	5.216	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.222	252	247714	7.980	ng/ul	97
85) Benzo(a)anthracene	21.292	228	1090824	9.599	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.239	149	452969	6.308	ng/ul	98
87) Chrysene	21.351	228	1041353	9.764	ng/ul	97
89) Di-n-octyl phthalate	22.357	149	622608	5.117	ng/ul	100
90) Benzo(b)fluoranthene	23.322	252	1009602	9.124	ng/ul	97
91) Benzo(k)fluoranthene	23.380	252	1077392	9.740	ng/ul	96
93) Benzo(a)pyrene	24.110	252	1002218	9.755	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.551	276	1088734	8.803	ng/ul	96
95) Dibenzo(a,h)anthracene	27.610	278	946610	9.191	ng/ul	98
96) Benzo(g,h,i)perylene	28.580	276	889838	8.870	ng/ul	98

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

