

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121522\
 Data File : BN023216.D
 Acq On : 15 Dec 2022 14:55
 Operator : CG/JU
 Sample : SST04050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD040213

Manual Integrations

APPROVED

Reviewed By :Jagrut
Upadhyay

12/16/2022

Supervised By :mohammad
ahmed

Quant Time: Dec 15 22:36:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 22:31:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	242836	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1106483	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	711034	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	1638412	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	1671865	20.000	ng/u1	0.00
88) Perylene-d12	24.039	264	1978988	20.000	ng/u1	0.00

12/16/2022

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.346	96	95056	13.364	ng/uL	0.00
4) Pyridine-d5	3.775	84	716392	35.615	ng/u1	0.00
7) Phenol-d5	7.164	99	913219	39.817	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	528839	38.457	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	708091	42.157	ng/u1	0.00
15) 4-Methylphenol-d8	8.722	113	736220	40.660	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	365627	42.690	ng/u1	0.00
24) 2-Nitrophenol-d4	9.899	143	394873	41.320	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	722919	44.373	ng/u1	0.00
31) 4-Chloroaniline-d4	10.963	131	1136440	45.795	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	2226059	43.043	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	2559790	44.921	ng/u1	0.00
54) 4-Nitrophenol-d4	14.851	143	512966	49.754	ng/u1	0.00
60) Fluorene-d10	15.645	176	1874273	44.187	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	412196	39.581	ng/u1	0.00
73) Anthracene-d10	17.498	188	3098288	43.186	ng/u1	0.00
81) Pyrene-d10	19.792	212	3693597	42.631	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.880	264	4067814	40.890	ng/u1	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.381	88	99286	13.117	ng/uL	98
5) Pyridine	3.793	79	722174	36.210	ng/u1	100
6) Benzaldehyde	7.134	77	351989	30.334	ng/u1	98
8) Phenol	7.187	94	921585	38.580	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.422	93	710954	38.195	ng/u1	99
12) 2-Chlorophenol	7.563	128	726101	40.485	ng/u1	97
13) 2-Methylphenol	8.452	108	696440	39.169	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.546	45	895874	36.461	ng/u1	98
16) Acetophenone	8.834	105	1135810	39.302	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.828	70	570360	37.031	ng/u1	98
18) 4-Methylphenol	8.787	108	790026	40.920	ng/u1	98
19) Hexachloroethane	9.093	117	274666	36.172	ng/u1	96
22) Nitrobenzene	9.216	77	864020	37.236	ng/u1	99
23) Isophorone	9.752	82	1638584	36.917	ng/u1	99
25) 2-Nitrophenol	9.934	139	427512	40.690	ng/u1	99
26) 2,4-Dimethylphenol	9.993	107	833032	36.962	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.234	93	1005871	39.298	ng/u1	99
29) 2,4-Dichlorophenol	10.469	162	705401	42.600	ng/u1	97
30) Naphthalene	10.875	128	2422105	41.242	ng/u1	100
32) 4-Chloroaniline	10.987	127	1148159	44.303	ng/u1	97
33) Hexachlorobutadiene	11.163	225	390864	38.349	ng/u1	97
34) Caprolactam	11.769	113	275200m	43.808	ng/u1	
35) 4-Chloro-3-methylphenol	12.110	107	814703	37.725	ng/u1	96
36) 2-Methylnaphthalene	12.481	142	1642171	41.046	ng/u1	98

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37) 1-Methylnaphthalene	12.698	142	1677728	41.832	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.851	216	832997	43.647	ng/u1	98
40) Hexachlorocyclopentadiene	12.828	237	493170	44.259	ng/u1	99
41) 2,4,6-Trichlorophenol	13.087	196	581932	42.946	ng/u1	98
42) 2,4,5-Trichlorophenol	13.157	196	662113	46.142	ng/u1	99
43) 1,1'-Biphenyl	13.493	154	2196705	42.090	ng/u1	99
44) 2-Chloronaphthalene	13.534	162	1711406	42.082	ng/u1	98
45) 2-Nitroaniline	13.740	65	543053	36.769	ng/u1	97
47) Dimethylphthalate	14.110	163	2236497	41.144	ng/u1	99
48) 2,6-Dinitrotoluene	14.234	165	473545	43.036	ng/u1	94
50) Acenaphthylene	14.375	152	2775995	43.607	ng/u1	99
51) 3-Nitroaniline	14.557	138	455494	38.445	ng/u1	97
52) Acenaphthene	14.716	153	1869217	41.385	ng/u1	99
53) 2,4-Dinitrophenol	14.763	184	274910	35.750	ng/u1	95
55) 4-Nitrophenol	14.869	109	378577	37.044	ng/u1	98
56) Dibenzofuran	15.051	168	2615382	43.825	ng/u1	99
57) 2,4-Dinitrotoluene	15.016	165	682528	42.595	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.275	232	564913	45.967	ng/u1	99
59) Diethylphthalate	15.475	149	2227322	38.659	ng/u1	98
61) Fluorene	15.698	166	2104416	42.226	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.692	204	1023593	43.572	ng/u1	98
63) 4-Nitroaniline	15.728	138	468617m	44.352	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.781	198	402347	37.378	ng/u1	98
67) N-Nitrosodiphenylamine	15.910	169	1874292	38.208	ng/u1	99
68) 4-Bromophenyl-phenylether	16.587	248	655786	40.646	ng/u1	97
69) Hexachlorobenzene	16.704	284	776374	41.165	ng/u1	99
70) Atrazine	16.863	200	701113	40.096	ng/u1	96
71) Pentachlorophenol	17.045	266	516819	43.129	ng/u1	97
72) Phenanthrene	17.439	178	3583001	40.573	ng/u1	99
74) Anthracene	17.534	178	3597578	40.219	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	828158	38.330	ng/uL	98
76) Pentachlorobenzene	14.969	250	832983	35.722	ng/uL	96
77) Carbazole	17.804	167	3437684	41.362	ng/u1	98
78) Di-n-butylphthalate	18.363	149	3989441	33.728	ng/u1	100
80) Fluoranthene	19.457	202	4389154	40.589	ng/u1	98
82) Pyrene	19.822	202	4479846	40.442	ng/u1	98
83) Butylbenzylphthalate	20.710	149	1992551	35.338	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.504	252	1607492	43.577	ng/u1	97
85) Benzo(a)anthracene	21.569	228	4588395	41.560	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	2831387	34.022	ng/u1	100
87) Chrysene	21.622	228	4340859	41.519	ng/u1	97
89) Di-n-octyl phthalate	22.433	149	5095136	29.274	ng/u1	100
90) Benzo(b)fluoranthene	23.292	252	5256567	39.195	ng/u1	98
91) Benzo(k)fluoranthene	23.339	252	4762717	37.412	ng/u1	99
93) Benzo(a)pyrene	23.933	252	4481651	39.424	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.615	276	5888927	45.550	ng/u1	99
95) Dibenzo(a,h)anthracene	26.633	278	4789880	41.336	ng/u1	97
96) Benzo(g,h,i)perylene	27.410	276	4765013	42.271	ng/u1	98

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

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