

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
 Data File : BN032246.D
 Acq On : 25 Jun 2024 17:18
 Operator : MA/JU
 Sample : PB161513BS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS513

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :Jagrut Upadhyay 06/26/2024

Quant Time: Jun 26 02:58:16 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Jun 20 10:49:40 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	292921	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	1130657	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	672583	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	1314411	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1153703	20.000	ng/u1	0.00
88) Perylene-d12	24.192	264	1398027	20.000	ng/u1	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.164	96	40800	5.762	ng/uL	0.00
4) Pyridine-d5	3.569	84	514124	25.795	ng/u1	0.00
7) Phenol-d5	6.816	99	691226	27.526	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	368190	25.067	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	607143	31.687	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	543250	26.539	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	289908	33.535	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	320646	35.906	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	544347	32.651	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	720730	29.117	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	1497419	31.958	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1749994	32.481	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	281417	29.997	ng/u1	0.01
60) Fluorene-d10	15.275	176	1278872	32.257	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	190948	28.901	ng/u1	0.00
73) Anthracene-d10	17.128	188	1880849	33.424	ng/u1	0.00
81) Pyrene-d10	19.433	212	2155117	34.908	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	2252689	33.745	ng/u1	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.199	88	81174	10.715	ng/uL 97
5) Pyridine	3.587	79	497208	24.949	ng/u1 98
6) Benzaldehyde	6.787	77	369123	31.339	ng/u1 95
8) Phenol	6.846	94	677148	26.496	ng/u1 97
10) Bis(2-Chloroethyl)ether	7.069	93	540329	25.569	ng/u1 94
12) 2-Chlorophenol	7.199	128	609752	30.410	ng/u1 95
13) 2-Methylphenol	8.081	108	514631	26.072	ng/u1 100
14) 2,2'-oxybis(1-Chloropr...	8.146	45	576249	23.689	ng/u1 98
16) Acetophenone	8.452	105	816324	26.314	ng/u1 99
17) N-Nitroso-di-n-propyla...	8.440	70	366789	22.817	ng/u1# 95
18) 4-Methylphenol	8.410	108	559875	26.166	ng/u1 99
19) Hexachloroethane	8.687	117	240873	28.369	ng/u1 93
22) Nitrobenzene	8.834	77	582594	28.285	ng/u1 91
23) Isophorone	9.352	82	1072775	25.390	ng/u1 97
25) 2-Nitrophenol	9.534	139	334185	34.252	ng/u1 92
26) 2,4-Dimethylphenol	9.599	107	436461	22.996	ng/u1 99
27) Bis(2-Chloroethoxy)met...	9.834	93	690842	26.235	ng/u1 98
29) 2,4-Dichlorophenol	10.069	162	534570	32.474	ng/u1 96
30) Naphthalene	10.457	128	1798420	30.734	ng/u1 99
32) 4-Chloroaniline	10.581	127	647506	26.943	ng/u1 99
33) Hexachlorobutadiene	10.728	225	338682	34.256	ng/u1 98
34) Caprolactam	11.381	113	170153m	26.481	ng/u1
35) 4-Chloro-3-methylphenol	11.722	107	551446	28.660	ng/u1 98
36) 2-Methylnaphthalene	12.081	142	1196100	29.905	ng/u1 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	1183470	29.489	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.451	216	613580	34.495	ng/ul	98
40) Hexachlorocyclopentadiene	12.416	237	92438	9.017	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	392779	32.533	ng/ul	98
42) 2,4,5-Trichlorophenol	12.781	196	436034	33.235	ng/ul	94
43) 1,1'-Biphenyl	13.104	154	1517589	32.079	ng/ul	96
44) 2-Chloronaphthalene	13.145	162	1187913	32.060	ng/ul	100
45) 2-Nitroaniline	13.369	65	316504	29.467	ng/ul	86
47) Dimethylphthalate	13.740	163	1452162	30.304	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	313556	32.918	ng/ul	96
50) Acenaphthylene	13.998	152	1898948	31.187	ng/ul	99
51) 3-Nitroaniline	14.204	138	346565	34.030	ng/ul	91
52) Acenaphthene	14.339	153	1255547	31.164	ng/ul	99
53) 2,4-Dinitrophenol	14.422	184	112009	23.293	ng/ul	92
55) 4-Nitrophenol	14.534	109	208253	29.924	ng/ul	90
56) Dibenzofuran	14.675	168	1709188	31.226	ng/ul	99
57) 2,4-Dinitrotoluene	14.663	165	441811	31.611	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.910	232	332979	30.342	ng/ul	97
59) Diethylphthalate	15.110	149	1480080	29.932	ng/ul	100
61) Fluorene	15.334	166	1384762	31.416	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.328	204	678267	31.770	ng/ul	99
63) 4-Nitroaniline	15.369	138	367664m	37.923	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.434	198	202091	28.774	ng/ul	96
67) N-Nitrosodiphenylamine	15.545	169	1202748	33.197	ng/ul	98
68) 4-Bromophenyl-phenylether	16.222	248	431728	33.900	ng/ul	97
69) Hexachlorobenzene	16.328	284	494934	34.289	ng/ul	98
70) Atrazine	16.504	200	218887	19.134	ng/ul	99
71) Pentachlorophenol	16.686	266	260273	28.183	ng/ul	93
72) Phenanthrene	17.069	178	2167276	32.368	ng/ul	99
74) Anthracene	17.163	178	2152420	31.725	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	597696	35.329	ng/ul	97
76) Pentachlorobenzene	14.592	250	586058	35.565	ng/ul	97
77) Carbazole	17.445	167	2065345	35.700	ng/ul	98
78) Di-n-butylphthalate	17.998	149	2599329	32.658	ng/ul	99
80) Fluoranthene	19.098	202	2490883	33.760	ng/ul	95
82) Pyrene	19.463	202	2591760	34.237	ng/ul	96
83) Butylbenzylphthalate	20.369	149	1185032	33.144	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.180	252	789618	35.691	ng/ul	98
85) Benzo(a)anthracene	21.251	228	2544434	32.949	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.169	149	1666340	31.972	ng/ul	100
87) Chrysene	21.316	228	2369190	32.846	ng/ul	98
89) Di-n-octyl phthalate	22.274	149	3017275	32.237	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	2656534	31.791	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	2580915	31.475	ng/ul	98
93) Benzo(a)pyrene	24.057	252	2317129	29.606	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.486	276	3229657	35.811	ng/ul	99
95) Dibenzo(a,h)anthracene	27.527	278	2654552	36.052	ng/ul	95
96) Benzo(g,h,i)perylene	28.509	276	2546942	35.526	ng/ul	96

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

