

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031969.D
 Acq On : 13 Jun 2024 09:43
 Operator : MA/JU
 Sample : PB161332BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS332

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 13 10:49:48 2024

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 11 22:28:10 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	403502	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1684539	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1002357	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1690382	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1094413	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1303612	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	50818	5.210	ng/uL	0.00
4) Pyridine-d5	3.581	84	732273	26.671	ng/u1	0.00
7) Phenol-d5	6.840	99	1003511	29.010	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	572799	28.310	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	828067	31.373	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	804971	28.548	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	416160	32.310	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	450313	33.846	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	780616	31.427	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	1051352	28.508	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	2131610	30.526	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	2487621	30.981	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	346495	24.782	ng/u1	0.00
60) Fluorene-d10	15.304	176	1732177	29.317	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	262692	30.917	ng/u1	0.00
73) Anthracene-d10	17.151	188	2198161	30.374	ng/u1	0.00
81) Pyrene-d10	19.451	212	2009245	34.308	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.027	264	1913978	30.748	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	111175	10.653	ng/uL	99
5) Pyridine	3.599	79	741675	27.017	ng/u1	99
6) Benzaldehyde	6.811	77	572077	35.260	ng/u1	98
8) Phenol	6.869	94	1049014	29.798	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.099	93	820301	28.180	ng/u1	98
12) 2-Chlorophenol	7.228	128	854953	30.954	ng/u1	100
13) 2-Methylphenol	8.105	108	785893	28.904	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.181	45	952617	28.428	ng/u1	100
16) Acetophenone	8.487	105	1241009	29.041	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.475	70	596728	26.948	ng/u1	95
18) 4-Methylphenol	8.440	108	857991	29.110	ng/u1	98
19) Hexachloroethane	8.722	117	347098	29.676	ng/u1	93
22) Nitrobenzene	8.863	77	926730	30.199	ng/u1	93
23) Isophorone	9.387	82	1765919	28.053	ng/u1	98
25) 2-Nitrophenol	9.563	139	488450	33.602	ng/u1	97
26) 2,4-Dimethylphenol	9.628	107	688253	24.339	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.869	93	1110747	28.312	ng/u1	99
29) 2,4-Dichlorophenol	10.099	162	793201	32.342	ng/u1	97
30) Naphthalene	10.493	128	2649021	30.385	ng/u1	100
32) 4-Chloroaniline	10.610	127	929078	25.948	ng/u1	97
33) Hexachlorobutadiene	10.763	225	479872	32.578	ng/u1	96
34) Caprolactam	11.405	113	266034	27.790	ng/u1	92
35) 4-Chloro-3-methylphenol	11.746	107	848045	29.583	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	1804724	30.285	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	1801074	30.122	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	891273	33.622	ng/ul	99
40) Hexachlorocyclopentadiene	12.451	237	245639	16.078	ng/ul	100
41) 2,4,6-Trichlorophenol	12.728	196	597917	33.231	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	649623	33.224	ng/ul	98
43) 1,1'-Biphenyl	13.134	154	2258797	32.038	ng/ul	97
44) 2-Chloronaphthalene	13.175	162	1725083	31.240	ng/ul	99
45) 2-Nitroaniline	13.393	65	505068	31.553	ng/ul	94
47) Dimethylphthalate	13.769	163	2189963	30.665	ng/ul	99
48) 2,6-Dinitrotoluene	13.893	165	455175	32.065	ng/ul	99
50) Acenaphthylene	14.028	152	2754177	30.351	ng/ul	100
51) 3-Nitroaniline	14.222	138	475897	31.355	ng/ul	99
52) Acenaphthene	14.369	153	1803035	30.030	ng/ul	98
53) 2,4-Dinitrophenol	14.440	184	178736	24.941	ng/ul	95
55) 4-Nitrophenol	14.546	109	272355	26.259	ng/ul	95
56) Dibenzofuran	14.704	168	2452347	30.063	ng/ul	98
57) 2,4-Dinitrotoluene	14.687	165	610528	29.311	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.934	232	475438	29.070	ng/ul	99
59) Diethylphthalate	15.140	149	2168680	29.429	ng/ul	99
61) Fluorene	15.357	166	1908821	29.058	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.351	204	961387	30.216	ng/ul	96
63) 4-Nitroaniline	15.393	138	452727	31.334	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.451	198	284333	31.479	ng/ul	100
67) N-Nitrosodiphenylamine	15.569	169	1709666	36.693	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	586247	35.794	ng/ul	98
69) Hexachlorobenzene	16.357	284	653514	35.205	ng/ul	96
70) Atrazine	16.528	200	455108	30.935	ng/ul	99
71) Pentachlorophenol	16.704	266	343310	28.907	ng/ul	95
72) Phenanthrene	17.098	178	2654258	30.824	ng/ul	99
74) Anthracene	17.187	178	2595996	29.752	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.093	216	881891	40.533	ng/uL	98
76) Pentachlorobenzene	14.622	250	830264	39.178	ng/uL	99
77) Carbazole	17.463	167	2299303	30.905	ng/ul	98
78) Di-n-butylphthalate	18.028	149	3397148	33.189	ng/ul	99
80) Fluoranthene	19.122	202	2519342	35.996	ng/ul	97
82) Pyrene	19.486	202	2571493	35.810	ng/ul	95
83) Butylbenzylphthalate	20.392	149	1141623	33.659	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.204	252	695869	33.157	ng/ul	98
85) Benzo(a)anthracene	21.275	228	2269333	30.979	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	1591206	32.184	ng/ul	98
87) Chrysene	21.333	228	2164420	31.632	ng/ul	98
89) Di-n-octyl phthalate	22.304	149	2676985	30.673	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	2437338	31.280	ng/ul	97
91) Benzo(k)fluoranthene	23.357	252	2268852	29.674	ng/ul	98
93) Benzo(a)pyrene	24.086	252	2018340	27.656	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.521	276	2859134	33.998	ng/ul	97
95) Dibenzo(a,h)anthracene	27.586	278	2338763m	34.064	ng/ul	
96) Benzo(g,h,i)perylene	28.557	276	2234858	33.431	ng/ul	95

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

