

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
 Data File : BN032199.D
 Acq On : 23 Jun 2024 12:56
 Operator : MA/JU
 Sample : PB161446BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS446

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/26/2024

Quant Time: Jun 25 04:47:06 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	350767	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	1334023	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	765260	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	1408222	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1262225	20.000	ng/u1	0.00
88) Perylene-d12	24.186	264	1511959	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	45614	5.380	ng/uL	0.00
4) Pyridine-d5	3.564	84	604161	25.313	ng/u1	0.00
7) Phenol-d5	6.816	99	795971	26.470	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	436794	24.833	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	719147	31.343	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	641548	26.173	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	339121	33.247	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	373292	35.429	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	633383	32.200	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	850796	29.131	ng/u1	0.00
46) Dimethylphthalate-d6	13.693	166	1620331	30.393	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1961043	31.990	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	300848	28.184	ng/u1	0.01
60) Fluorene-d10	15.275	176	1363683	30.231	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	215119	30.391	ng/u1	0.00
73) Anthracene-d10	17.128	188	2008465	33.314	ng/u1	0.00
81) Pyrene-d10	19.433	212	2206483	32.667	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	2369412	32.819	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.199	88	104618	11.532	ng/uL	94
5) Pyridine	3.587	79	611511	25.625	ng/u1	94
6) Benzaldehyde	6.787	77	307289	21.787	ng/u1	94
8) Phenol	6.846	94	916018	29.932	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.069	93	732594	28.950	ng/u1	95
12) 2-Chlorophenol	7.199	128	801260	33.371	ng/u1	96
13) 2-Methylphenol	8.081	108	695978	29.445	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.152	45	765891	26.292	ng/u1	98
16) Acetophenone	8.457	105	1094481	29.463	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.440	70	488738	25.389	ng/u1#	95
18) 4-Methylphenol	8.410	108	745461	29.094	ng/u1	96
19) Hexachloroethane	8.693	117	313930	30.875	ng/u1	85
22) Nitrobenzene	8.834	77	765295	31.491	ng/u1	92
23) Isophorone	9.357	82	1421761	28.520	ng/u1	96
25) 2-Nitrophenol	9.540	139	447088	38.838	ng/u1	92
26) 2,4-Dimethylphenol	9.604	107	658162	29.390	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.834	93	923565	29.726	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	705708	36.335	ng/u1	97
30) Naphthalene	10.457	128	2372375	34.362	ng/u1	99
32) 4-Chloroaniline	10.581	127	844822	29.795	ng/u1	98
33) Hexachlorobutadiene	10.728	225	460569	39.483	ng/u1	93
34) Caprolactam	11.381	113	184044	24.277	ng/u1	84
35) 4-Chloro-3-methylphenol	11.722	107	714412	31.469	ng/u1	97
36) 2-Methylnaphthalene	12.081	142	1559431	33.045	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
 Data File : BN032199.D
 Acq On : 23 Jun 2024 12:56
 Operator : MA/JU
 Sample : PB161446BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS446

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/26/2024

Quant Time: Jun 25 04:47:06 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)
37) 1-Methylnaphthalene	12.298	142	1586744	33.510	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.451	216	805935	39.822	ng/ul	99
40) Hexachlorocyclopentadiene	12.416	237	160853	13.790	ng/ul	98
41) 2,4,6-Trichlorophenol	12.704	196	514588	37.460	ng/ul	96
42) 2,4,5-Trichlorophenol	12.781	196	552957	37.043	ng/ul	98
43) 1,1'-Biphenyl	13.104	154	1981202	36.807	ng/ul	94
44) 2-Chloronaphthalene	13.145	162	1525564	36.186	ng/ul	98
45) 2-Nitroaniline	13.369	65	387387	31.699	ng/ul#	81
47) Dimethylphthalate	13.745	163	1850663	33.943	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	388739	35.869	ng/ul	98
50) Acenaphthylene	13.998	152	2401838	34.669	ng/ul	100
51) 3-Nitroaniline	14.204	138	422878	36.494	ng/ul	92
52) Acenaphthene	14.340	153	1572469	34.304	ng/ul	100
53) 2,4-Dinitrophenol	14.422	184	155619	28.443	ng/ul	91
55) 4-Nitrophenol	14.528	109	256759	32.426	ng/ul	90
56) Dibenzofuran	14.681	168	2164474	34.754	ng/ul	99
57) 2,4-Dinitrotoluene	14.663	165	545706	34.316	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.910	232	438403	35.110	ng/ul	100
59) Diethylphthalate	15.110	149	1820255	32.354	ng/ul	99
61) Fluorene	15.334	166	1686943	33.637	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.328	204	832167	34.258	ng/ul	95
63) 4-Nitroaniline	15.375	138	446333m	40.462	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	256511	34.089	ng/ul	99
67) N-Nitrosodiphenylamine	15.545	169	1489574	38.375	ng/ul	97
68) 4-Bromophenyl-phenylether	16.222	248	527521	38.662	ng/ul	97
69) Hexachlorobenzene	16.328	284	599457	38.764	ng/ul	95
70) Atrazine	16.504	200	414439	33.816	ng/ul	98
71) Pentachlorophenol	16.681	266	340269	34.391	ng/ul	93
72) Phenanthrene	17.069	178	2623775	36.575	ng/ul	98
74) Anthracene	17.163	178	2646484	36.408	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	821953	45.348	ng/ul	97
76) Pentachlorobenzene	14.592	250	678542	38.434	ng/ul	96
77) Carbazole	17.439	167	2452019	39.561	ng/ul	99
78) Di-n-butylphthalate	17.998	149	3046980	35.732	ng/ul	100
80) Fluoranthene	19.098	202	2958581	36.651	ng/ul	95
82) Pyrene	19.463	202	3094356	37.362	ng/ul	94
83) Butylbenzylphthalate	20.369	149	1420031	36.302	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.186	252	982361	40.585	ng/ul	95
85) Benzo(a)anthracene	21.251	228	3037376	35.951	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.169	149	1877676	32.929	ng/ul	98
87) Chrysene	21.310	228	2877292	36.460	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	3569457	35.263	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	3206525	35.481	ng/ul	98
91) Benzo(k)fluoranthene	23.327	252	3231857	36.444	ng/ul	99
93) Benzo(a)pyrene	24.057	252	2770070	32.727	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.474	276	3928781	40.280	ng/ul	99
95) Dibenzo(a,h)anthracene	27.527	278	3186929	40.021	ng/ul	97
96) Benzo(g,h,i)perylene	28.498	276	3020691	38.959	ng/ul	95

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

