

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031935.D
 Acq On : 12 Jun 2024 10:48
 Operator : MA/JU
 Sample : PB161173BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS173

Quant Time: Jun 12 23:00:38 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

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 06/13/2024

Supervised By :Mohammad
 ahmed
 06/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	350438	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1606776	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1059703	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	2184665	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1586643	20.000	ng/u1	0.00
88) Perylene-d12	24.227	264	1470120	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	46977	5.546	ng/uL	0.00
4) Pyridine-d5	3.581	84	660120	27.684	ng/u1	0.00
7) Phenol-d5	6.834	99	971293	32.331	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	548146	31.193	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	792349	34.566	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	796206	32.513	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	409954	33.369	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	446481	35.182	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	787199	33.226	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	1103200	31.362	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	2430452	32.922	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	2739519	32.272	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	487253	32.964	ng/u1	0.00
60) Fluorene-d10	15.304	176	1985434	31.785	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	392447	35.738	ng/u1	0.00
73) Anthracene-d10	17.157	188	2951152	31.553	ng/u1	0.00
81) Pyrene-d10	19.451	212	3417247	40.248	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	2308607	32.887	ng/u1	0.00
Target Compounds	Qvalue					
2) 1,4-Dioxane	3.211	88	103990	11.474	ng/uL	99
5) Pyridine	3.599	79	681754	28.595	ng/u1	98
6) Benzaldehyde	6.810	77	571225	40.538	ng/u1	99
8) Phenol	6.863	94	1047352	34.256	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.093	93	818025	32.357	ng/u1	99
12) 2-Chlorophenol	7.228	128	824071	34.353	ng/u1	98
13) 2-Methylphenol	8.104	108	793349	33.596	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.181	45	955655	32.838	ng/u1	99
16) Acetophenone	8.487	105	1276588	34.397	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.475	70	621717	32.328	ng/u1	96
18) 4-Methylphenol	8.434	108	888150	34.696	ng/u1	98
19) Hexachloroethane	8.728	117	336118	33.089	ng/u1	98
22) Nitrobenzene	8.863	77	943355	32.229	ng/u1	98
23) Isophorone	9.387	82	1868917	31.126	ng/u1	99
25) 2-Nitrophenol	9.563	139	499419	36.020	ng/u1	98
26) 2,4-Dimethylphenol	9.628	107	627930	23.280	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.863	93	1166562	31.174	ng/u1	100
29) 2,4-Dichlorophenol	10.093	162	817990	34.967	ng/u1	99
30) Naphthalene	10.493	128	2717330	32.677	ng/u1	99
32) 4-Chloroaniline	10.610	127	1015441	29.733	ng/u1	96
33) Hexachlorobutadiene	10.769	225	475237	33.825	ng/u1	93
34) Caprolactam	11.404	113	314910m	34.488	ng/u1	
35) 4-Chloro-3-methylphenol	11.740	107	951422	34.795	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	1904227	33.501	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	1920210	33.669	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.481	216	970766	34.639	ng/ul	99
40) Hexachlorocyclopentadiene	12.451	237	309928	19.188	ng/ul	100
41) 2,4,6-Trichlorophenol	12.728	196	662590	34.832	ng/ul	99
42) 2,4,5-Trichlorophenol	12.804	196	736399	35.624	ng/ul	94
43) 1,1'-Biphenyl	13.134	154	2487439	33.372	ng/ul	97
44) 2-Chloronaphthalene	13.175	162	1945256	33.321	ng/ul	98
45) 2-Nitroaniline	13.392	65	604029	35.693	ng/ul	94
47) Dimethylphthalate	13.769	163	2517653	33.346	ng/ul	100
48) 2,6-Dinitrotoluene	13.892	165	547614	36.489	ng/ul	99
50) Acenaphthylene	14.028	152	3130849	32.635	ng/ul	99
51) 3-Nitroaniline	14.222	138	600782	37.441	ng/ul	99
52) Acenaphthene	14.369	153	2052176	32.330	ng/ul	98
53) 2,4-Dinitrophenol	14.434	184	290681	38.366	ng/ul	97
55) 4-Nitrophenol	14.545	109	391398	35.695	ng/ul	94
56) Dibenzofuran	14.704	168	2940835	34.100	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	788271	35.796	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.934	232	615420	35.592	ng/ul	100
59) Diethylphthalate	15.139	149	2526505	32.429	ng/ul	99
61) Fluorene	15.357	166	2299754	33.115	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.351	204	1101291	32.740	ng/ul	97
63) 4-Nitroaniline	15.392	138	642357	42.052	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.451	198	460534	39.451	ng/ul	98
67) N-Nitrosodiphenylamine	15.575	169	2120417	35.212	ng/ul	98
68) 4-Bromophenyl-phenylether	16.251	248	744147	35.155	ng/ul	94
69) Hexachlorobenzene	16.357	284	875632	36.499	ng/ul	92
70) Atrazine	16.528	200	605778	31.861	ng/ul	98
71) Pentachlorophenol	16.704	266	531382	34.619	ng/ul	96
72) Phenanthrene	17.098	178	3829175	34.407	ng/ul	98
74) Anthracene	17.186	178	3660187	32.458	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.092	216	973991	34.638	ng/ul	98
76) Pentachlorobenzene	14.622	250	965256	35.243	ng/ul	99
77) Carbazole	17.463	167	3608764	37.531	ng/ul	98
78) Di-n-butylphthalate	18.028	149	4628635	34.989	ng/ul	100
80) Fluoranthene	19.116	202	4317663	42.551	ng/ul	99
82) Pyrene	19.486	202	4417696	42.434	ng/ul	96
83) Butylbenzylphthalate	20.392	149	2085840	42.420	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.204	252	1159603	38.112	ng/ul	100
85) Benzo(a)anthracene	21.274	228	3708215	34.917	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.198	149	2895410	40.395	ng/ul	99
87) Chrysene	21.333	228	3394786	34.222	ng/ul	97
89) Di-n-octyl phthalate	22.310	149	4773899	48.504	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	3158708	35.946	ng/ul	99
91) Benzo(k)fluoranthene	23.351	252	2862727	33.200	ng/ul	98
93) Benzo(a)pyrene	24.086	252	2480684	30.142	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.521	276	3356322	35.390	ng/ul	98
95) Dibenzo(a,h)anthracene	27.574	278	2684177	34.667	ng/ul	98
96) Benzo(g,h,i)perylene	28.550	276	2574992	34.156	ng/ul	98

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

