

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031990.D
 Acq On : 13 Jun 2024 23:31
 Operator : MA/JU
 Sample : PB161274BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS274

Quant Time: Jun 14 00:07:35 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 06/14/2024
 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	354917	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1414778	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	782881	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1422528	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1270466	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1506871	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	46972	5.475	ng/uL	0.00
4) Pyridine-d5	3.581	84	674242	27.919	ng/u1	0.00
7) Phenol-d5	6.840	99	891427	29.298	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	505642	28.411	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	737347	31.760	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	691521	27.882	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	352894	32.623	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	378006	33.828	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	647964	31.061	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	870868	28.117	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1645512	30.171	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1964677	31.328	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	301528	27.612	ng/u1	0.00
60) Fluorene-d10	15.298	176	1350186	29.258	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	201288	28.151	ng/u1	0.00
73) Anthracene-d10	17.151	188	1912195	31.398	ng/u1	0.00
81) Pyrene-d10	19.451	212	2178730	32.047	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	2263565	31.459	ng/u1	0.00
Target Compounds	Qvalue					
2) 1,4-Dioxane	3.211	88	103178	11.241	ng/uL	98
5) Pyridine	3.599	79	689412	28.551	ng/u1	98
6) Benzaldehyde	6.810	77	503134	35.255	ng/u1	98
8) Phenol	6.863	94	932396	30.111	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.093	93	739354	28.876	ng/u1	97
12) 2-Chlorophenol	7.228	128	758539	31.222	ng/u1	98
13) 2-Methylphenol	8.105	108	693457	28.995	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.181	45	831483	28.210	ng/u1	99
16) Acetophenone	8.481	105	1063124	28.284	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.469	70	512572	26.316	ng/u1	95
18) 4-Methylphenol	8.434	108	747260	28.823	ng/u1	97
19) Hexachloroethane	8.722	117	290886	28.275	ng/u1	94
22) Nitrobenzene	8.857	77	792881	30.764	ng/u1	98
23) Isophorone	9.387	82	1473062	27.863	ng/u1	97
25) 2-Nitrophenol	9.563	139	412787	33.812	ng/u1	97
26) 2,4-Dimethylphenol	9.628	107	636631	26.806	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.863	93	935179	28.382	ng/u1	100
29) 2,4-Dichlorophenol	10.099	162	652173	31.662	ng/u1	97
30) Naphthalene	10.493	128	2226921	30.414	ng/u1	99
32) 4-Chloroaniline	10.610	127	796280	26.480	ng/u1	98
33) Hexachlorobutadiene	10.763	225	398631	32.223	ng/u1	96
34) Caprolactam	11.398	113	209740	26.087	ng/u1	95
35) 4-Chloro-3-methylphenol	11.746	107	688846	28.611	ng/u1	98
36) 2-Methylnaphthalene	12.110	142	1469243	29.357	ng/u1	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031990.D
 Acq On : 13 Jun 2024 23:31
 Operator : MA/JU
 Sample : PB161274BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS274

Quant Time: Jun 14 00:07:35 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 06/14/2024
 Supervised By :mohammad ahmed 06/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	1469295	29.259	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.475	216	744689	35.967	ng/ul	98
40) Hexachlorocyclopentadiene	12.451	237	173445	14.535	ng/ul	96
41) 2,4,6-Trichlorophenol	12.728	196	462671	32.923	ng/ul	96
42) 2,4,5-Trichlorophenol	12.804	196	503033	32.940	ng/ul	97
43) 1,1'-Biphenyl	13.134	154	1796294	32.620	ng/ul	98
44) 2-Chloronaphthalene	13.175	162	1400129	32.463	ng/ul	99
45) 2-Nitroaniline	13.392	65	401015	32.076	ng/ul	91
47) Dimethylphthalate	13.769	163	1668618	29.915	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	355932	32.103	ng/ul	98
50) Acenaphthylene	14.028	152	2169215	30.606	ng/ul	99
51) 3-Nitroaniline	14.222	138	390637	32.953	ng/ul	97
52) Acenaphthene	14.369	153	1448454	30.887	ng/ul	99
53) 2,4-Dinitrophenol	14.439	184	131138	23.429	ng/ul	97
55) 4-Nitrophenol	14.545	109	235042	29.015	ng/ul	96
56) Dibenzofuran	14.704	168	1933355	30.345	ng/ul	96
57) 2,4-Dinitrotoluene	14.687	165	485685	29.854	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.934	232	372317	29.147	ng/ul	94
59) Diethylphthalate	15.134	149	1650655	28.679	ng/ul	99
61) Fluorene	15.357	166	1542212	30.059	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.351	204	735290	29.589	ng/ul	94
63) 4-Nitroaniline	15.392	138	392825m	34.810	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.451	198	226061	29.740	ng/ul	99
67) N-Nitrosodiphenylamine	15.569	169	1340330	34.183	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	473395	34.346	ng/ul	96
69) Hexachlorobenzene	16.351	284	515009	32.968	ng/ul	99
70) Atrazine	16.528	200	354087	28.601	ng/ul	97
71) Pentachlorophenol	16.704	266	300911	30.107	ng/ul	94
72) Phenanthrene	17.098	178	2328524	32.133	ng/ul	98
74) Anthracene	17.186	178	2314562	31.522	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.092	216	700226	38.243	ng/ul	97
76) Pentachlorobenzene	14.622	250	642467	36.025	ng/ul	98
77) Carbazole	17.463	167	2185775	34.910	ng/ul	98
78) Di-n-butylphthalate	18.022	149	2743827	31.853	ng/ul	99
80) Fluoranthene	19.116	202	2619874	32.245	ng/ul	99
82) Pyrene	19.480	202	2725116	32.690	ng/ul	97
83) Butylbenzylphthalate	20.386	149	1225966	31.137	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.198	252	844307	34.655	ng/ul	96
85) Benzo(a)anthracene	21.274	228	2707587	31.840	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.192	149	1716839	29.913	ng/ul	99
87) Chrysene	21.333	228	2545681	32.049	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	3085679	30.587	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	2754431	30.581	ng/ul	97
91) Benzo(k)fluoranthene	23.357	252	2740815	31.011	ng/ul	99
93) Benzo(a)pyrene	24.086	252	2390587	28.339	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.521	276	3396935	34.945	ng/ul	98
95) Dibenzo(a,h)anthracene	27.580	278	2737065	34.488	ng/ul	96
96) Benzo(g,h,i)perylene	28.562	276	2603241	33.689	ng/ul	96

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

