

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040224\
 Data File : BN030585.D
 Acq On : 01 Apr 2024 12:12
 Operator : MA/JU
 Sample : P1925-09MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PMW-9D(20240327)MS

Quant Time: Apr 02 00:08:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :mohammad ahmed 04/02/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	238113	20.000	ng/u1	0.00
20) Naphthalene-d8	10.493	136	1022659	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.340	164	681579	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	1407301	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1325320	20.000	ng/u1	0.00
88) Perylene-d12	24.274	264	1370874	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	31355	6.174	ng/uL	0.00
4) Pyridine-d5	3.599	84	242704	15.939	ng/u1	0.00
7) Phenol-d5	6.864	99	201261	10.448	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	482570	40.561	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	515445	35.275	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	354870	21.982	ng/u1	0.00
21) Nitrobenzene-d5	8.852	128	326915	46.083	ng/u1	0.00
24) 2-Nitrophenol-d4	9.569	143	325179	50.106	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.105	165	604191	42.526	ng/u1	0.00
31) 4-Chloroaniline-d4	10.622	131	822715	35.173	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	2035917	44.739	ng/u1	0.00
49) Acenaphthylene-d8	14.034	160	2339833	44.720	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	105458	12.115	ng/u1	0.00
60) Fluorene-d10	15.334	176	1747996	43.896	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	306490	49.340	ng/u1	0.00
73) Anthracene-d10	17.187	188	2781844	45.878	ng/u1	0.00
81) Pyrene-d10	19.486	212	3220265	45.194	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.069	264	3076683	48.707	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	55516	10.205	ng/uL	97
5) Pyridine	3.623	79	264117	17.189	ng/u1	100
6) Benzaldehyde	6.846	77	430976m	48.045	ng/u1	
8) Phenol	6.887	94	227619	11.343	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.128	93	674045	41.192	ng/u1	98
12) 2-Chlorophenol	7.263	128	555403	35.432	ng/u1	96
13) 2-Methylphenol	8.134	108	417140	26.977	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.222	45	920459	39.948	ng/u1	99
16) Acetophenone	8.522	105	1033593	40.551	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.505	70	515772	40.177	ng/u1	98
18) 4-Methylphenol	8.463	108	406380	23.476	ng/u1	98
19) Hexachloroethane	8.769	117	259092	39.424	ng/u1	95
22) Nitrobenzene	8.893	77	784662	45.310	ng/u1	100
23) Isophorone	9.428	82	1541750	44.641	ng/u1	100
25) 2-Nitrophenol	9.605	139	364769	47.825	ng/u1	98
26) 2,4-Dimethylphenol	9.663	107	603875	35.622	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.910	93	946737	43.115	ng/u1	99
29) 2,4-Dichlorophenol	10.134	162	660281	45.531	ng/u1	99
30) Naphthalene	10.540	128	2231774	42.550	ng/u1	100
32) 4-Chloroaniline	10.646	127	798166	35.408	ng/u1	99
33) Hexachlorobutadiene	10.816	225	390890	42.823	ng/u1	97
34) Caprolactam	11.434	113	94705	17.481	ng/u1	94
35) 4-Chloro-3-methylphenol	11.769	107	626980	38.386	ng/u1	98
36) 2-Methylnaphthalene	12.151	142	1560041	42.590	ng/u1	99

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37) 1-Methylnaphthalene	12.369	142	1568213	42.175	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.516	216	851375	48.402	ng/u1	99
40) Hexachlorocyclopentadiene	12.499	237	392621	39.305	ng/u1	97
41) 2,4,6-Trichlorophenol	12.763	196	534662	48.643	ng/u1	95
42) 2,4,5-Trichlorophenol	12.828	196	683542	55.066	ng/u1	98
43) 1,1'-Biphenyl	13.175	154	2057295	44.284	ng/u1	99
44) 2-Chloronaphthalene	13.210	162	1641938	44.898	ng/u1	98
45) 2-Nitroaniline	13.422	65	487086	50.048	ng/u1	99
47) Dimethylphthalate	13.810	163	2116813	45.031	ng/u1	99
48) 2,6-Dinitrotoluene	13.922	165	435600	49.980	ng/u1	93
50) Acenaphthylene	14.063	152	2737970	45.291	ng/u1	99
51) 3-Nitroaniline	14.251	138	437267	47.268	ng/u1	99
52) Acenaphthene	14.404	153	1784206	44.288	ng/u1	98
53) 2,4-Dinitrophenol	14.457	184	196480	49.082	ng/u1	97
55) 4-Nitrophenol	14.551	109	86613	12.559	ng/u1	95
56) Dibenzofuran	14.740	168	2515154	44.913	ng/u1	98
57) 2,4-Dinitrotoluene	14.710	165	640537	50.339	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	14.963	232	501539	48.649	ng/u1	99
59) Diethylphthalate	15.181	149	2191870	45.898	ng/u1	99
61) Fluorene	15.392	166	1957431	43.975	ng/u1	96
62) 4-Chlorophenyl-phenyle...	15.392	204	935978	42.860	ng/u1	99
63) 4-Nitroaniline	15.422	138	508296	56.518	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.469	198	336395	50.400	ng/u1	98
67) N-Nitrosodiphenylamine	15.604	169	1760657	45.939	ng/u1	97
68) 4-Bromophenyl-phenylether	16.287	248	632496	47.330	ng/u1	96
69) Hexachlorobenzene	16.387	284	716233	45.516	ng/u1	98
70) Atrazine	16.563	200	593071	44.646	ng/u1	99
71) Pentachlorophenol	16.734	266	442296	47.672	ng/u1	95
72) Phenanthrene	17.134	178	3325779	45.998	ng/u1	99
74) Anthracene	17.222	178	3385706	46.321	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	925988	53.559	ng/uL	99
76) Pentachlorobenzene	14.657	250	799621	45.534	ng/uL	94
77) Carbazole	17.498	167	3136607	48.933	ng/u1	99
78) Di-n-butylphthalate	18.063	149	3914992	50.065	ng/u1	99
80) Fluoranthene	19.151	202	3928514	46.380	ng/u1	98
82) Pyrene	19.516	202	4083682	45.650	ng/u1	100
83) Butylbenzylphthalate	20.428	149	1833206	53.662	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.239	252	1011791	41.548	ng/u1	97
85) Benzo(a)anthracene	21.310	228	4029677	45.559	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.245	149	2578087	51.173	ng/u1	98
87) Chrysene	21.375	228	3857843	46.210	ng/u1	98
89) Di-n-octyl phthalate	22.363	149	4655847	53.630	ng/u1	100
90) Benzo(b)fluoranthene	23.345	252	4001787	49.602	ng/u1	97
91) Benzo(k)fluoranthene	23.410	252	4021712	49.085	ng/u1	99
93) Benzo(a)pyrene	24.133	252	3722229	48.840	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.586	276	3844231	46.662	ng/u1	99
95) Dibenzo(a,h)anthracene	27.651	278	3287618	47.403	ng/u1	98
96) Benzo(g,h,i)perylene	28.621	276	2959641	45.761	ng/u1	97

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

