

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041724\
 Data File : BN031036.D
 Acq On : 19 Apr 2024 09:39
 Operator : MA/JU
 Sample : P2039-06MS 10X
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1CY1MS

Quant Time: Apr 20 03:39:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 17 22:24:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/30/2024

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 ahmed
 04/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	99654	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	477457	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.287	164	341360	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	764776	20.000	ng/u1	0.00
79) Chrysene-d12	21.275	240	835896	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1119338	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	11936	5.616	ng/uL	0.00
4) Pyridine-d5	3.558	84	93788	14.717	ng/u1	0.00
7) Phenol-d5	6.811	99	86423	10.720	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	210138	42.203	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	227185	37.149	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	161261	23.868	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	153486	46.341	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	158941	52.457	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	289469	43.639	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	440980	40.381	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1068017	46.861	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	1221683	46.621	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	53973	12.381	ng/u1	0.00
60) Fluorene-d10	15.281	176	936295	46.946	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	179382	53.140	ng/u1	0.00
73) Anthracene-d10	17.134	188	1532889	46.520	ng/u1	0.00
81) Pyrene-d10	19.439	212	1948166	43.349	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	2553085	49.501	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	13269	5.828	ng/uL#	1
5) Pyridine	3.575	79	98260	15.280	ng/u1	97
6) Benzaldehyde	6.787	77	201996m	53.806	ng/u1	
8) Phenol	6.840	94	90848	10.818	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.069	93	282370	41.232	ng/u1	100
12) 2-Chlorophenol	7.205	128	234416	35.732	ng/u1	95
13) 2-Methylphenol	8.081	108	178182	27.534	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.158	45	361301	37.467	ng/u1	99
16) Acetophenone	8.458	105	477769	44.788	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.440	70	237469	44.199	ng/u1	96
18) 4-Methylphenol	8.405	108	175085	24.168	ng/u1	96
19) Hexachloroethane	8.705	117	100704	36.614	ng/u1	98
22) Nitrobenzene	8.834	77	339709	42.016	ng/u1	99
23) Isophorone	9.358	82	706724	43.829	ng/u1	99
25) 2-Nitrophenol	9.540	139	171554	48.176	ng/u1	97
26) 2,4-Dimethylphenol	9.605	107	251225	31.742	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.840	93	415011	40.481	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	280516	41.431	ng/u1	98
30) Naphthalene	10.469	128	985143	40.230	ng/u1	99
32) 4-Chloroaniline	10.587	127	399286	37.939	ng/u1	98
33) Hexachlorobutadiene	10.746	225	160325	37.620	ng/u1	95
34) Caprolactam	11.363	113	20996m	8.301	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	311485	40.846	ng/u1	99
36) 2-Methylnaphthalene	12.087	142	740618	43.307	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	753494	43.403	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.457	216	371863	42.212	ng/ul	97
40) Hexachlorocyclopentadiene	12.434	237	149055	29.794	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	260902	47.394	ng/ul	96
42) 2,4,5-Trichlorophenol	12.775	196	284836	45.816	ng/ul	98
43) 1,1'-Biphenyl	13.116	154	989100	42.511	ng/ul	98
44) 2-Chloronaphthalene	13.151	162	781846	42.687	ng/ul	99
45) 2-Nitroaniline	13.369	65	249104	51.105	ng/ul	99
47) Dimethylphthalate	13.751	163	1055914	44.850	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	220888	50.604	ng/ul	98
50) Acenaphthylene	14.004	152	1331641	43.982	ng/ul	99
51) 3-Nitroaniline	14.198	138	243306	52.515	ng/ul	97
52) Acenaphthene	14.351	153	882105	43.719	ng/ul	99
53) 2,4-Dinitrophenol	14.404	184	115023	57.371	ng/ul	95
55) 4-Nitrophenol	14.510	109	43090	12.476	ng/ul	94
56) Dibenzofuran	14.687	168	1256485	44.799	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	339774	53.316	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.916	232	262016	50.746	ng/ul	98
59) Diethylphthalate	15.122	149	1129363	47.219	ng/ul	99
61) Fluorene	15.340	166	1030813	46.239	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.340	204	490264	44.825	ng/ul	99
63) 4-Nitroaniline	15.369	138	276735	61.439	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.422	198	191849	52.892	ng/ul	98
67) N-Nitrosodiphenylamine	15.551	169	938246	45.048	ng/ul	99
68) 4-Bromophenyl-phenylether	16.234	248	320442	44.125	ng/ul	98
69) Hexachlorobenzene	16.334	284	374295	43.770	ng/ul	97
70) Atrazine	16.510	200	348082	48.218	ng/ul	99
71) Pentachlorophenol	16.681	266	241741	47.946	ng/ul	99
72) Phenanthrene	17.081	178	1780600	45.317	ng/ul	99
74) Anthracene	17.169	178	1800646	45.332	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.075	216	387317	41.223	ng/uL	98
76) Pentachlorobenzene	14.598	250	402365	42.162	ng/uL	97
77) Carbazole	17.445	167	1783068	51.187	ng/ul	100
78) Di-n-butylphthalate	18.010	149	2186220	51.446	ng/ul	99
80) Fluoranthene	19.098	202	2253883	42.189	ng/ul	99
82) Pyrene	19.469	202	2391284	42.383	ng/ul	97
83) Butylbenzylphthalate	20.380	149	1138919	52.858	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.192	252	812357	52.890	ng/ul	97
85) Benzo(a)anthracene	21.257	228	2592910	46.479	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.186	149	1634426	51.437	ng/ul	98
87) Chrysene	21.316	228	2447466	46.481	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	3226545	45.518	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	2836918	43.065	ng/ul	97
91) Benzo(k)fluoranthene	23.327	252	2843912	42.510	ng/ul	98
93) Benzo(a)pyrene	24.045	252	2596651	41.728	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.439	276	3647158	54.219	ng/ul	99
95) Dibenzo(a,h)anthracene	27.498	278	2994112	52.872	ng/ul	96
96) Benzo(g,h,i)perylene	28.462	276	2805912	53.133	ng/ul	97

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

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