

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033124\
 Data File : BN030561.D
 Acq On : 30 Mar 2024 22:40
 Operator : MA/JU
 Sample : P1931-08MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E07C8MSD

Quant Time: Mar 31 13:25:24 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 :Jagrut Upadhyay 04/01/2024
 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	192541	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	851143	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.345	164	550945	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	1182009	20.000	ng/u1	0.00
79) Chrysene-d12	21.333	240	1115594	20.000	ng/u1	0.00
88) Perylene-d12	24.274	264	1173611	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	23319	5.678	ng/uL	0.00
4) Pyridine-d5	3.599	84	293060	23.801	ng/u1	0.00
7) Phenol-d5	6.869	99	485819	31.191	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	288781	30.018	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	388424	32.873	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	396899	30.405	ng/u1	0.00
21) Nitrobenzene-d5	8.858	128	195587	33.126	ng/u1	0.00
24) 2-Nitrophenol-d4	9.575	143	200944	37.203	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.105	165	411133	34.769	ng/u1	0.00
31) 4-Chloroaniline-d4	10.622	131	177750	9.131	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	1194357	32.469	ng/u1	0.00
49) Acenaphthylene-d8	14.034	160	1411221	33.368	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	228382	32.459	ng/u1	0.00
60) Fluorene-d10	15.340	176	1046004	32.496	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	160160	30.698	ng/u1	0.00
73) Anthracene-d10	17.187	188	1662728	32.648	ng/u1	0.00
81) Pyrene-d10	19.492	212	1929959	32.177	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	1850021	34.211	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	82078	18.658	ng/uL	99
5) Pyridine	3.617	79	555450	44.707	ng/u1	99
6) Benzaldehyde	6.846	77	416575	57.431	ng/u1	99
8) Phenol	6.893	94	811593	50.018	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.134	93	639553	48.335	ng/u1	100
12) 2-Chlorophenol	7.264	128	659142	52.003	ng/u1	97
13) 2-Methylphenol	8.140	108	620565	49.632	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.228	45	861090	46.217	ng/u1	99
16) Acetophenone	8.522	105	970005	47.064	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.511	70	487280	46.941	ng/u1	99
18) 4-Methylphenol	8.469	108	676113	48.303	ng/u1	100
19) Hexachloroethane	8.769	117	271339	51.060	ng/u1	97
22) Nitrobenzene	8.899	77	733880	50.917	ng/u1	100
23) Isophorone	9.422	82	1444946	50.269	ng/u1	100
25) 2-Nitrophenol	9.605	139	359597	56.647	ng/u1	98
26) 2,4-Dimethylphenol	9.663	107	677542	48.022	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.910	93	875960	47.930	ng/u1	99
29) 2,4-Dichlorophenol	10.134	162	625662	51.837	ng/u1	99
30) Naphthalene	10.534	128	2135540	48.920	ng/u1	100
32) 4-Chloroaniline	10.646	127	782601	41.713	ng/u1	99
33) Hexachlorobutadiene	10.816	225	385799	50.782	ng/u1	99
34) Caprolactam	11.434	113	228225m	50.615	ng/u1	
35) 4-Chloro-3-methylphenol	11.775	107	691614	50.875	ng/u1	99
36) 2-Methylnaphthalene	12.151	142	1473918	48.347	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	1468609	47.455	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.522	216	748993	52.678	ng/ul	99
40) Hexachlorocyclopentadiene	12.499	237	397214	49.193	ng/ul	100
41) 2,4,6-Trichlorophenol	12.769	196	498094	56.061	ng/ul	96
42) 2,4,5-Trichlorophenol	12.834	196	548295	54.644	ng/ul	95
43) 1,1'-Biphenyl	13.175	154	1876221	49.963	ng/ul	96
44) 2-Chloronaphthalene	13.216	162	1525656	51.610	ng/ul	99
45) 2-Nitroaniline	13.422	65	443019	56.313	ng/ul	99
47) Dimethylphthalate	13.810	163	1917062	50.452	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	399254	56.672	ng/ul	99
50) Acenaphthylene	14.063	152	2539351	51.965	ng/ul	100
51) 3-Nitroaniline	14.257	138	407436	54.487	ng/ul	97
52) Acenaphthene	14.410	153	1656176	50.858	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	172720	53.377	ng/ul	98
55) 4-Nitrophenol	14.563	109	293871	52.717	ng/ul	99
56) Dibenzofuran	14.745	168	2254574	49.806	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	580144	56.404	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.969	232	458857	55.063	ng/ul	97
59) Diethylphthalate	15.181	149	1947419	50.448	ng/ul	99
61) Fluorene	15.393	166	1774658	49.323	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.393	204	865836	49.049	ng/ul	98
63) 4-Nitroaniline	15.422	138	464313	63.869	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.475	198	291541	52.005	ng/ul	96
67) N-Nitrosodiphenylamine	15.610	169	1603501	49.813	ng/ul	99
68) 4-Bromophenyl-phenylether	16.287	248	568561	50.655	ng/ul	95
69) Hexachlorobenzene	16.392	284	642452	48.609	ng/ul	99
70) Atrazine	16.569	200	558244	50.034	ng/ul	97
71) Pentachlorophenol	16.739	266	426729	54.761	ng/ul	99
72) Phenanthrene	17.134	178	3035686	49.988	ng/ul	99
74) Anthracene	17.228	178	3068797	49.987	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.134	216	755747	52.043	ng/ul	97
76) Pentachlorobenzene	14.657	250	720406	48.842	ng/ul	93
77) Carbazole	17.498	167	2864908	53.213	ng/ul	99
78) Di-n-butylphthalate	18.069	149	3561211	54.221	ng/ul	99
80) Fluoranthene	19.157	202	3590306	50.355	ng/ul	100
82) Pyrene	19.522	202	3679864	48.869	ng/ul	99
83) Butylbenzylphthalate	20.433	149	1677630	58.340	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.239	252	1021520	49.834	ng/ul	99
85) Benzo(a)anthracene	21.310	228	3797785	51.009	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.251	149	2369864	55.883	ng/ul	99
87) Chrysene	21.375	228	3478172	49.494	ng/ul	99
89) Di-n-octyl phthalate	22.369	149	4394607	59.130	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	3700113	53.572	ng/ul	99
91) Benzo(k)fluoranthene	23.410	252	3521190	50.200	ng/ul	97
93) Benzo(a)pyrene	24.139	252	3357757	51.463	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.592	276	3538051	50.164	ng/ul	98
95) Dibenzo(a,h)anthracene	27.657	278	3015730	50.792	ng/ul	98
96) Benzo(g,h,i)perylene	28.627	276	2739752	49.481	ng/ul	98

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

