

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031121.D
 Acq On : 22 Apr 2024 14:13
 Operator : MA/JU
 Sample : P2170-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZZZ9MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 22 23:57:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	123998	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	568822	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.280	164	381268	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.027	188	847490	20.000	ng/u1	0.00
79) Chrysene-d12	21.268	240	958688	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1143434	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	5327	2.007	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.816	99	231	0.022	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	63306	10.402	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	771	0.095	ng/u1	0.00
15) 4-Methylphenol-d8	8.345	113	1156	0.131	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	33064	8.090	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	27540	6.483	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.033	165	551	0.066	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	2490	0.190	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	284398	10.719	ng/u1	0.00
49) Acenaphthylene-d8	13.974	160	1455	0.048	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	4604	0.831	ng/u1	0.01
60) Fluorene-d10	15.274	176	16292	0.705	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	28990	6.780	ng/u1	0.00
73) Anthracene-d10	17.127	188	5032m	0.137	ng/u1	0.00
81) Pyrene-d10	19.433	212	2733	0.058	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	2721m	0.050	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	9255	3.290	ng/uL#	85
5) Pyridine	3.610	79	4136m	0.536	ng/u1	
6) Benzaldehyde	6.787	77	56623	11.025	ng/u1	96
8) Phenol	6.840	94	802	0.074	ng/u1#	49
10) Bis(2-Chloroethyl)ether	7.069	93	91137	10.711	ng/u1	98
12) 2-Chlorophenol	7.198	128	911	0.108	ng/u1#	81
13) 2-Methylphenol	8.075	108	442	0.053	ng/u1	86
14) 2,2'-oxybis(1-Chloropr...	8.151	45	122272	11.022	ng/u1	100
16) Acetophenone	8.451	105	147752	10.841	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.434	70	67218	9.894	ng/u1	100
18) 4-Methylphenol	8.398	108	1191	0.127	ng/u1	99
22) Nitrobenzene	8.828	77	82159	8.518	ng/u1	94
23) Isophorone	9.351	82	195107	9.912	ng/u1	97
25) 2-Nitrophenol	9.534	139	32297	6.871	ng/u1	94
26) 2,4-Dimethylphenol	9.604	107	1269m	0.132	ng/u1	
27) Bis(2-Chloroethoxy)met...	9.834	93	126088	10.545	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	272	0.033	ng/u1#	26
30) Naphthalene	10.457	128	1418	0.048	ng/u1#	60
32) 4-Chloroaniline	10.586	127	29553	2.323	ng/u1	97
33) Hexachlorobutadiene	10.745	225	311	0.061	ng/u1#	76
34) Caprolactam	11.345	113	27196	8.249	ng/u1	93
35) 4-Chloro-3-methylphenol	11.728	107	172	0.018	ng/u1#	17
36) 2-Methylnaphthalene	12.080	142	3837	0.185	ng/u1	84
37) 1-Methylnaphthalene	12.304	142	2793	0.133	ng/u1#	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 2,4,6-Trichlorophenol	12.704	196	618	0.093	ng/ul	97
42) 2,4,5-Trichlorophenol	12.775	196	437m	0.059	ng/ul	
43) 1,1'-Biphenyl	13.110	154	36248	1.382	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	425	0.020	ng/ul#	89
45) 2-Nitroaniline	13.363	65	17845	3.085	ng/ul	93
47) Dimethylphthalate	13.739	163	340352	12.435	ng/ul	98
48) 2,6-Dinitrotoluene	13.863	165	47483	9.242	ng/ul#	86
50) Acenaphthylene	13.998	152	2496	0.071	ng/ul#	90
51) 3-Nitroaniline	14.198	138	24674	4.183	ng/ul#	94
52) Acenaphthene	14.339	153	1134	0.049	ng/ul#	73
53) 2,4-Dinitrophenol	14.404	184	14445	4.971	ng/ul	91
55) 4-Nitrophenol	14.521	109	3516	0.782	ng/ul	91
56) Dibenzofuran	14.680	168	5836	0.181	ng/ul	97
57) 2,4-Dinitrotoluene	14.651	165	76703	9.825	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.904	232	502	0.079	ng/ul#	73
59) Diethylphthalate	15.110	149	307741	10.933	ng/ul	99
61) Fluorene	15.333	166	13997	0.528	ng/ul	87
62) 4-Chlorophenyl-phenyle...	15.333	204	29086	2.305	ng/ul	96
63) 4-Nitroaniline	15.363	138	41312m	6.496	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	35747	7.786	ng/ul#	99
67) N-Nitrosodiphenylamine	15.545	169	71849	3.163	ng/ul	97
68) 4-Bromophenyl-phenylether	16.227	248	12360	1.542	ng/ul	95
70) Atrazine	16.504	200	95028	11.916	ng/ul	93
71) Pentachlorophenol	16.674	266	274	0.046	ng/ul#	20
72) Phenanthrene	17.074	178	2514	0.056	ng/ul#	94
74) Anthracene	17.163	178	3031	0.067	ng/ul#	93
77) Carbazole	17.445	167	1184	0.029	ng/ul#	61
78) Di-n-butylphthalate	18.004	149	615980	12.196	ng/ul	99
80) Fluoranthene	19.092	202	3162	0.057	ng/ul#	93
82) Pyrene	19.457	202	953	0.016	ng/ul#	56
83) Butylbenzylphthalate	20.374	149	328879	12.723	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.186	252	49242	2.465	ng/ul	98
85) Benzo(a)anthracene	21.251	228	8535	0.131	ng/ul	92
86) Bis(2-ethylhexyl)phtha...	21.180	149	513463	13.230	ng/ul	98
87) Chrysene	21.309	228	3115	0.050	ng/ul#	85
89) Di-n-octyl phthalate	22.280	149	903270	13.705	ng/ul	100
90) Benzo(b)fluoranthene	23.250	252	3798	0.059	ng/ul#	46
91) Benzo(k)fluoranthene	23.315	252	4387	0.068	ng/ul#	37
93) Benzo(a)pyrene	24.027	252	837	0.013	ng/ul#	1
94) Indeno(1,2,3-cd)pyrene	27.415	276	201	0.003	ng/ul#	19
95) Dibenzo(a,h)anthracene	27.468	278	6404	0.098	ng/ul#	58
96) Benzo(g,h,i)perylene	28.421	276	469	0.007	ng/ul#	36

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

