

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041724\
 Data File : BN031020.D
 Acq On : 18 Apr 2024 22:32
 Operator : MA/JU
 Sample : P2037-15MS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1CY1MS

Quant Time: Apr 18 23:09:38 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 04/19/2024
 Supervised By :mohammad ahmed 04/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	110388	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	529406	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	382252	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	842232	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	920190	20.000	ng/u1	-0.01
88) Perylene-d12	24.168	264	1137937	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	10628	4.514	ng/uL	0.00
4) Pyridine-d5	3.558	84	56477	8.000	ng/u1	0.00
7) Phenol-d5	6.816	99	4116	0.461	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	117230	21.255	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	8053	1.189	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	20905	2.793	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	71960	19.595	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	67811	20.184	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	4830	0.657	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	20393	1.684	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	590865	23.152	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	11707	0.399	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	70960	14.536	ng/u1	0.00
60) Fluorene-d10	15.281	176	180289	8.073	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	63832	17.170	ng/u1	0.00
73) Anthracene-d10	17.128	188	21182m	0.584	ng/u1	0.00
81) Pyrene-d10	19.433	212	6747	0.136	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	4293	0.082	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	18215	7.222	ng/uL	93
5) Pyridine	3.575	79	68925	9.676	ng/u1	94
6) Benzaldehyde	6.787	77	113880	27.385	ng/u1	97
8) Phenol	6.840	94	5156	0.554	ng/u1#	86
10) Bis(2-Chloroethyl)ether	7.069	93	171477	22.604	ng/u1	99
12) 2-Chlorophenol	7.199	128	7925	1.091	ng/u1	97
13) 2-Methylphenol	8.081	108	12241	1.708	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.158	45	233377	21.848	ng/u1	100
16) Acetophenone	8.457	105	285913	24.196	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.440	70	133896	22.498	ng/u1	96
18) 4-Methylphenol	8.405	108	22471	2.800	ng/u1	100
22) Nitrobenzene	8.834	77	195416	21.798	ng/u1	98
23) Isophorone	9.352	82	385644	21.570	ng/u1	98
25) 2-Nitrophenol	9.540	139	88098	22.312	ng/u1	99
26) 2,4-Dimethylphenol	9.604	107	24573	2.800	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.840	93	250895	22.072	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	4714	0.628	ng/u1	92
30) Naphthalene	10.463	128	14345	0.528	ng/u1	97
32) 4-Chloroaniline	10.587	127	76580	6.562	ng/u1	98
33) Hexachlorobutadiene	10.740	225	5569	1.179	ng/u1	94
34) Caprolactam	11.351	113	65551	23.373	ng/u1	99
35) 4-Chloro-3-methylphenol	11.716	107	2182	0.258	ng/u1#	93
36) 2-Methylnaphthalene	12.087	142	37431	1.974	ng/u1	98
37) 1-Methylnaphthalene	12.310	142	25071	1.302	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.457	216	1247	0.126	ng/ul#	89
40) Hexachlorocyclopentadiene	12.428	237	4811	0.859	ng/ul	97
41) 2,4,6-Trichlorophenol	12.704	196	7757	1.258	ng/ul	96
42) 2,4,5-Trichlorophenol	12.781	196	3056	0.439	ng/ul	96
43) 1,1'-Biphenyl	13.110	154	372629	14.302	ng/ul	98
44) 2-Chloronaphthalene	13.151	162	7120	0.347	ng/ul	97
45) 2-Nitroaniline	13.363	65	118537	21.717	ng/ul	93
47) Dimethylphthalate	13.745	163	625667	23.732	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	111260	22.762	ng/ul	96
50) Acenaphthylene	14.004	152	11381	0.336	ng/ul	98
51) 3-Nitroaniline	14.198	138	129635	24.987	ng/ul	98
52) Acenaphthene	14.345	153	11841	0.524	ng/ul	92
53) 2,4-Dinitrophenol	14.404	184	42700	19.020	ng/ul	96
55) 4-Nitrophenol	14.510	109	92830	24.002	ng/ul#	75
56) Dibenzofuran	14.687	168	56014	1.784	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	176473	24.729	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.910	232	3998	0.691	ng/ul#	94
59) Diethylphthalate	15.116	149	652783	24.373	ng/ul	98
61) Fluorene	15.334	166	163310	6.542	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.334	204	228516	18.658	ng/ul	99
63) 4-Nitroaniline	15.363	138	151184	29.974	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.416	198	86705	21.706	ng/ul#	99
67) N-Nitrosodiphenylamine	15.551	169	473243	20.632	ng/ul	97
68) 4-Bromophenyl-phenylether	16.228	248	119541	14.947	ng/ul	96
69) Hexachlorobenzene	16.328	284	159	0.017	ng/ul#	41
70) Atrazine	16.504	200	204839	25.766	ng/ul	98
71) Pentachlorophenol	16.681	266	1251	0.225	ng/ul	90
72) Phenanthrene	17.075	178	21924	0.507	ng/ul	99
74) Anthracene	17.169	178	18772	0.429	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.069	216	911	0.088	ng/ul#	72
76) Pentachlorobenzene	14.598	250	750	0.071	ng/ul	91
77) Carbazole	17.445	167	3795	0.099	ng/ul#	94
78) Di-n-butylphthalate	18.010	149	1308430	27.958	ng/ul	99
80) Fluoranthene	19.098	202	26595	0.452	ng/ul	96
82) Pyrene	19.463	202	3084	0.050	ng/ul#	93
83) Butylbenzylphthalate	20.375	149	630747	26.592	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.180	252	326353	19.302	ng/ul	96
85) Benzo(a)anthracene	21.251	228	45122	0.735	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.180	149	966208	27.622	ng/ul	98
87) Chrysene	21.310	228	25233	0.435	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	1719621	23.863	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	24443	0.365	ng/ul#	95
91) Benzo(k)fluoranthene	23.310	252	31547	0.464	ng/ul#	95
93) Benzo(a)pyrene	24.021	252	1264	0.020	ng/ul#	21
94) Indeno(1,2,3-cd)pyrene	27.462	276	14084m	0.206	ng/ul	
95) Dibenzo(a,h)anthracene	27.462	278	48027m	0.834	ng/ul	
96) Benzo(g,h,i)perylene	28.404	276	55	0.001	ng/ul#	51

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

