

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
 Data File : BP010178.D
 Acq On : 02 May 2022 18:06
 Operator : CG/JU
 Sample : N2562-19MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW478MS

Quant Time: May 03 01:37:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 03 00:58:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/03/2022
 Supervised By :Yogesh Patel 05/05/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	154683	20.000	ng/u1	0.00
20) Naphthalene-d8	10.728	136	675639	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.557	164	435457	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	844237	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.392	240	577682	20.000	ng/u1	# 0.00
88) Perylene-d12	23.833	264	533776	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	18204	5.132	ng/uL	0.00
4) Pyridine-d5	3.775	84	225419	22.589	ng/u1	0.00
7) Phenol-d5	7.087	99	400540	28.468	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	264250	31.300	ng/u1	0.00
11) 2-Chlorophenol-d4	7.457	132	321490	30.853	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	349038	29.942	ng/u1	0.00
21) Nitrobenzene-d5	9.081	128	169773	31.594	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	188846	32.178	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	351600	30.775	ng/u1	0.00
31) 4-Chloroaniline-d4	10.863	131	418761	25.563	ng/u1	0.00
46) Dimethylphthalate-d6	13.969	166	1085738	32.053	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	1257641	30.677	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	150832	24.187	ng/u1	0.00
60) Fluorene-d10	15.551	176	902096	30.959	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	143284	26.841	ng/u1	0.00
73) Anthracene-d10	17.410	188	1284574	31.451	ng/u1	0.00
81) Pyrene-d10	19.639	212	1292668	39.347	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.674	264	950764	33.976	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	52075	14.127	ng/uL#	22
5) Pyridine	3.793	79	390088	37.606	ng/u1#	48
6) Benzaldehyde	7.058	77	381896	50.791	ng/u1	95
8) Phenol	7.116	94	595483	42.122	ng/u1#	94
10) Bis(2-Chloroethyl)ether	7.346	93	468346	43.000	ng/u1#	75
12) 2-Chlorophenol	7.487	128	456561	43.439	ng/u1	96
13) 2-Methylphenol	8.369	108	461054	42.524	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.457	45	714699	44.222	ng/u1#	84
16) Acetophenone	8.746	105	752512	41.375	ng/u1#	79
17) N-Nitroso-di-n-propyla...	8.740	70	417601	43.824	ng/u1#	75
18) 4-Methylphenol	8.699	108	504705	42.278	ng/u1	94
19) Hexachloroethane	9.004	117	189131	42.824	ng/u1#	79
22) Nitrobenzene	9.128	77	581825	44.192	ng/u1#	87
23) Isophorone	9.657	82	1146255	44.079	ng/u1#	97
25) 2-Nitrophenol	9.840	139	281744	45.328	ng/u1#	83
26) 2,4-Dimethylphenol	9.904	107	543958	40.422	ng/u1#	78
27) Bis(2-Chloroethoxy)met...	10.134	93	686033	45.010	ng/u1#	98
29) 2,4-Dichlorophenol	10.375	162	488856	44.512	ng/u1#	83
30) Naphthalene	10.781	128	1548758	43.797	ng/u1	97
32) 4-Chloroaniline	10.887	127	578148	35.814	ng/u1	98
33) Hexachlorobutadiene	11.069	225	340184	43.705	ng/u1	96
34) Caprolactam	11.669	113	162067	41.024	ng/u1#	1
35) 4-Chloro-3-methylphenol	12.016	107	556448	41.941	ng/u1#	68
36) 2-Methylnaphthalene	12.387	142	1101172	42.936	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	1121554	43.069	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.757	216	632705	47.029	ng/ul	94
40) Hexachlorocyclopentadiene	12.740	237	327017	43.132	ng/ul	95
41) 2,4,6-Trichlorophenol	12.992	196	412861	47.430	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.069	196	452506m	47.778	ng/ul	
43) 1,1'-Biphenyl	13.392	154	1510507	47.031	ng/ul	92
44) 2-Chloronaphthalene	13.434	162	1154971	46.469	ng/ul	93
45) 2-Nitroaniline	13.634	65	377016	46.780	ng/ul#	81
47) Dimethylphthalate	14.016	163	1466399	44.543	ng/ul#	92
48) 2,6-Dinitrotoluene	14.134	165	314916	46.613	ng/ul	90
50) Acenaphthylene	14.281	152	1856642	45.720	ng/ul	95
51) 3-Nitroaniline	14.457	138	269682	44.065	ng/ul#	83
52) Acenaphthene	14.622	153	1187657	44.978	ng/ul	97
53) 2,4-Dinitrophenol	14.669	184	152280	40.336	ng/ul#	82
55) 4-Nitrophenol	14.769	109	200482	37.004	ng/ul#	42
56) Dibenzofuran	14.957	168	1724586	44.107	ng/ul	100
57) 2,4-Dinitrotoluene	14.916	165	435867	44.162	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.186	232	368932	43.823	ng/ul#	88
59) Diethylphthalate	15.375	149	1487333	44.418	ng/ul	94
61) Fluorene	15.604	166	1395788	43.479	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.598	204	739645	43.778	ng/ul	98
63) 4-Nitroaniline	15.622	138	289776m	48.659	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.686	198	226218	43.923	ng/ul#	93
67) N-Nitrosodiphenylamine	15.810	169	1203023	49.664	ng/ul	95
68) 4-Bromophenyl-phenylether	16.492	248	449766	49.946	ng/ul	94
69) Hexachlorobenzene	16.616	284	487803	46.669	ng/ul#	91
70) Atrazine	16.769	200	461192	46.831	ng/ul	90
71) Pentachlorophenol	16.963	266	280569	42.149	ng/ul	86
72) Phenanthrene	17.351	178	2064689	44.995	ng/ul	99
74) Anthracene	17.445	178	2056903	44.504	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.357	216	642011	52.090	ng/uL#	85
76) Pentachlorobenzene	14.881	250	606579	50.188	ng/uL	90
77) Carbazole	17.710	167	1714173	41.913	ng/ul#	96
78) Di-n-butylphthalate	18.263	149	2392013	47.539	ng/ul#	92
80) Fluoranthene	19.316	202	2159622	58.280	ng/ul	96
82) Pyrene	19.669	202	2124622	55.651	ng/ul	95
83) Butylbenzylphthalate	20.533	149	883127	55.961	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.304	252	479282	46.110	ng/ul#	95
85) Benzo(a)anthracene	21.374	228	1716668	46.825	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.298	149	1238745	52.962	ng/ul#	82
87) Chrysene	21.427	228	1663802	46.090	ng/ul	99
89) Di-n-octyl phthalate	22.233	149	1899606	45.778	ng/ul	100
90) Benzo(b)fluoranthene	23.092	252	1677999	46.761	ng/ul	99
91) Benzo(k)fluoranthene	23.139	252	1572959	46.275	ng/ul#	98
93) Benzo(a)pyrene	23.727	252	1605464	48.381	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.398	276	1832742	55.520	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.409	278	1562422	55.314	ng/ul#	96
96) Benzo(g,h,i)perylene	27.174	276	1574452	56.525	ng/ul#	92

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

