

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
 Data File : BP010179.D
 Acq On : 02 May 2022 18:40
 Operator : CG/JU
 Sample : N2562-20MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW478MSD

Quant Time: May 03 01:37:39 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	189298	20.000	ng/u1	0.00
20) Naphthalene-d8	10.728	136	798331	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.557	164	495226	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	911348	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.392	240	666906	20.000	ng/u1	0.00
88) Perylene-d12	23.833	264	661567	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	19729m	4.545	ng/uL	0.00
4) Pyridine-d5	3.775	84	245469	20.100	ng/u1	0.00
7) Phenol-d5	7.087	99	431385	25.054	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	284757	27.561	ng/u1	0.00
11) 2-Chlorophenol-d4	7.458	132	348581	27.336	ng/u1	0.00
15) 4-Methylphenol-d8	8.640	113	367961	25.793	ng/u1	0.00
21) Nitrobenzene-d5	9.081	128	184781	29.102	ng/u1	0.00
24) 2-Nitrophenol-d4	9.805	143	203569	29.356	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	372766	27.613	ng/u1	0.00
31) 4-Chloroaniline-d4	10.863	131	440585	22.762	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	1090837	28.316	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	1282059	27.498	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	143458	20.228	ng/u1	0.00
60) Fluorene-d10	15.551	176	904765	27.303	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	141451	24.546	ng/u1	0.00
73) Anthracene-d10	17.410	188	1220839	27.690	ng/u1	0.00
81) Pyrene-d10	19.639	212	1239229	32.674	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.674	264	1037181	29.905	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	56769	12.585	ng/uL#	24
5) Pyridine	3.793	79	423831	33.387	ng/u1#	48
6) Benzaldehyde	7.058	77	413342	44.921	ng/u1	96
8) Phenol	7.116	94	643921	37.219	ng/u1#	94
10) Bis(2-Chloroethyl)ether	7.346	93	508206	38.127	ng/u1#	78
12) 2-Chlorophenol	7.487	128	493925	38.401	ng/u1	95
13) 2-Methylphenol	8.369	108	494590	37.275	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.458	45	766881	38.774	ng/u1#	84
16) Acetophenone	8.746	105	800241	35.954	ng/u1#	80
17) N-Nitroso-di-n-propyla...	8.740	70	444376	38.106	ng/u1#	75
18) 4-Methylphenol	8.699	108	537681	36.804	ng/u1	94
19) Hexachloroethane	9.005	117	206118	38.136	ng/u1#	81
22) Nitrobenzene	9.128	77	615742	39.581	ng/u1#	87
23) Isophorone	9.657	82	1201825	39.114	ng/u1#	96
25) 2-Nitrophenol	9.840	139	303169	41.279	ng/u1#	81
26) 2,4-Dimethylphenol	9.905	107	577001	36.287	ng/u1#	80
27) Bis(2-Chloroethoxy)met...	10.134	93	726270	40.327	ng/u1#	97
29) 2,4-Dichlorophenol	10.375	162	510490	39.338	ng/u1#	84
30) Naphthalene	10.781	128	1658121	39.683	ng/u1	97
32) 4-Chloroaniline	10.887	127	609564	31.957	ng/u1	98
33) Hexachlorobutadiene	11.069	225	360466	39.193	ng/u1	95
34) Caprolactam	11.669	113	164804	35.306	ng/u1#	2
35) 4-Chloro-3-methylphenol	12.016	107	584396	37.278	ng/u1#	69
36) 2-Methylnaphthalene	12.387	142	1145701	37.807	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	1169353	38.003	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.757	216	651646	42.591	ng/ul	93
40) Hexachlorocyclopentadiene	12.740	237	352490	40.880	ng/ul	96
41) 2,4,6-Trichlorophenol	12.993	196	426585	43.092	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.069	196	458790	42.595	ng/ul#	87
43) 1,1'-Biphenyl	13.393	154	1556279	42.608	ng/ul	93
44) 2-Chloronaphthalene	13.434	162	1190146	42.105	ng/ul	93
45) 2-Nitroaniline	13.634	65	376439	41.071	ng/ul#	84
47) Dimethylphthalate	14.010	163	1474084	39.373	ng/ul#	92
48) 2,6-Dinitrotoluene	14.134	165	310282	40.384	ng/ul	89
50) Acenaphthylene	14.281	152	1876965	40.642	ng/ul	95
51) 3-Nitroaniline	14.457	138	272011	39.081	ng/ul#	80
52) Acenaphthene	14.622	153	1216989	40.526	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	155161	36.139	ng/ul#	79
55) 4-Nitrophenol	14.769	109	195173	31.676	ng/ul#	42
56) Dibenzofuran	14.957	168	1738785	39.103	ng/ul	99
57) 2,4-Dinitrotoluene	14.916	165	418347	37.271	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.181	232	364653	38.087	ng/ul#	86
59) Diethylphthalate	15.375	149	1449764	38.070	ng/ul	94
61) Fluorene	15.604	166	1377213	37.722	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.598	204	738824	38.452	ng/ul	99
63) 4-Nitroaniline	15.622	138	276557	40.835	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.687	198	223719	40.239	ng/ul#	90
67) N-Nitrosodiphenylamine	15.810	169	1182676	45.228	ng/ul	94
68) 4-Bromophenyl-phenylether	16.498	248	437085	44.963	ng/ul	90
69) Hexachlorobenzene	16.616	284	477913	42.356	ng/ul#	89
70) Atrazine	16.769	200	438961	41.291	ng/ul#	88
71) Pentachlorophenol	16.963	266	270063	37.583	ng/ul	85
72) Phenanthrene	17.351	178	1980368	39.980	ng/ul	98
74) Anthracene	17.445	178	1962329	39.331	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.357	216	666517	50.096	ng/uL#	86
76) Pentachlorobenzene	14.881	250	609935	46.749	ng/uL	90
77) Carbazole	17.710	167	1639491	37.135	ng/ul#	96
78) Di-n-butylphthalate	18.263	149	2212676	40.736	ng/ul#	92
80) Fluoranthene	19.316	202	2020265	47.225	ng/ul	97
82) Pyrene	19.669	202	2027687	46.006	ng/ul#	95
83) Butylbenzylphthalate	20.533	149	832386	45.689	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.304	252	519086	43.258	ng/ul#	96
85) Benzo(a)anthracene	21.374	228	1756043	41.491	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.298	149	1196214	44.301	ng/ul#	82
87) Chrysene	21.427	228	1739685	41.745	ng/ul	99
89) Di-n-octyl phthalate	22.233	149	1936758	37.658	ng/ul	100
90) Benzo(b)fluoranthene	23.092	252	1811443	40.729	ng/ul	99
91) Benzo(k)fluoranthene	23.139	252	1690637	40.130	ng/ul#	97
93) Benzo(a)pyrene	23.727	252	1743944	42.403	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.392	276	2012998	49.201	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.410	278	1726182	49.307	ng/ul#	96
96) Benzo(g,h,i)perylene	27.180	276	1732370	50.181	ng/ul#	92

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

