

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051122\
 Data File : BP010322.D
 Acq On : 12 May 2022 13:30
 Operator : CG/JU
 Sample : N2714-04MSD
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW2X5MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 13 00:01:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 01:10:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	148587	20.000	ng/u1	0.00
20) Naphthalene-d8	10.705	136	658823	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.534	164	450600	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.287	188	997600	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.369	240	1004177	20.000	ng/u1	# 0.00
88) Perylene-d12	23.798	264	972750	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	19352	5.533	ng/uL	0.00
4) Pyridine-d5	3.764	84	200510	20.601	ng/u1	0.00
7) Phenol-d5	7.069	99	420587	30.476	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	282936	33.141	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	337749	33.231	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	371556	32.748	ng/u1	0.00
21) Nitrobenzene-d5	9.064	128	177450	33.592	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	196618	32.645	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	363816	33.187	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	464466	28.699	ng/u1	0.00
46) Dimethylphthalate-d6	13.946	166	1223258	34.076	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	1380078	32.245	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	201710m	29.294	ng/u1	0.00
60) Fluorene-d10	15.528	176	1035897	34.186	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	202003	29.569	ng/u1	0.00
73) Anthracene-d10	17.387	188	1653954	33.856	ng/u1	0.00
81) Pyrene-d10	19.616	212	2008168	36.189	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	1868644	36.021	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	42100	11.776	ng/uL#	8
5) Pyridine	3.781	79	227523	22.303	ng/u1#	33
6) Benzaldehyde	7.040	77	276245	36.222	ng/u1	92
8) Phenol	7.093	94	459849	33.051	ng/u1#	91
10) Bis(2-Chloroethyl)ether	7.322	93	362929	33.334	ng/u1#	76
12) 2-Chlorophenol	7.469	128	344810	33.780	ng/u1	97
13) 2-Methylphenol	8.346	108	351586	33.293	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.434	45	575114	33.582	ng/u1#	83
16) Acetophenone	8.728	105	589123	33.219	ng/u1#	79
17) N-Nitroso-di-n-propyla...	8.716	70	318715	34.402	ng/u1#	72
18) 4-Methylphenol	8.675	108	387500	33.537	ng/u1	90
19) Hexachloroethane	8.987	117	144958	33.307	ng/u1	82
22) Nitrobenzene	9.105	77	456727	34.060	ng/u1#	83
23) Isophorone	9.634	82	895842	34.111	ng/u1#	98
25) 2-Nitrophenol	9.816	139	212357	34.321	ng/u1#	86
26) 2,4-Dimethylphenol	9.881	107	451993	34.212	ng/u1#	79
27) Bis(2-Chloroethoxy)met...	10.116	93	515763	33.464	ng/u1#	98
29) 2,4-Dichlorophenol	10.352	162	364383	34.027	ng/u1#	83
30) Naphthalene	10.758	128	1171988	33.340	ng/u1	97
32) 4-Chloroaniline	10.863	127	472070	29.229	ng/u1	97
33) Hexachlorobutadiene	11.046	225	242710	33.095	ng/u1	98
34) Caprolactam	11.646	113	138195m	33.871	ng/u1	
35) 4-Chloro-3-methylphenol	11.993	107	450807	34.985	ng/u1#	69
36) 2-Methylnaphthalene	12.363	142	832621	33.453	ng/u1	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	857929	33.908	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.734	216	474759	34.273	ng/ul#	92
40) Hexachlorocyclopentadiene	12.716	237	224831	29.116	ng/ul	92
41) 2,4,6-Trichlorophenol	12.969	196	323781	35.641	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.046	196	350400	35.392	ng/ul#	88
43) 1,1'-Biphenyl	13.369	154	1169568	34.745	ng/ul#	92
44) 2-Chloronaphthalene	13.410	162	897921	34.440	ng/ul	94
45) 2-Nitroaniline	13.616	65	322999	36.595	ng/ul#	79
47) Dimethylphthalate	13.993	163	1197967	34.395	ng/ul#	92
48) 2,6-Dinitrotoluene	14.110	165	259725	36.546	ng/ul	94
50) Acenaphthylene	14.257	152	1484861	34.680	ng/ul	95
51) 3-Nitroaniline	14.440	138	243462	39.156	ng/ul#	82
52) Acenaphthene	14.599	153	960256	34.646	ng/ul	97
53) 2,4-Dinitrophenol	14.646	184	143657	30.892	ng/ul#	77
55) 4-Nitrophenol	14.751	109	192630	32.986	ng/ul#	42
56) Dibenzofuran	14.934	168	1398010	34.471	ng/ul	99
57) 2,4-Dinitrotoluene	14.899	165	381951	36.734	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.163	232	308644	35.123	ng/ul#	85
59) Diethylphthalate	15.357	149	1240476	34.501	ng/ul	93
61) Fluorene	15.587	166	1169318	34.809	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.575	204	597489	34.406	ng/ul	98
63) 4-Nitroaniline	15.604	138	267969m	43.614	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.663	198	220388	33.115	ng/ul#	89
67) N-Nitrosodiphenylamine	15.793	169	1026301	34.997	ng/ul	94
68) 4-Bromophenyl-phenylether	16.475	248	374047	35.496	ng/ul	95
69) Hexachlorobenzene	16.598	284	421351	34.571	ng/ul#	91
70) Atrazine	16.751	200	416268	35.136	ng/ul#	90
71) Pentachlorophenol	16.940	266	259563	32.085	ng/ul#	82
72) Phenanthrene	17.328	178	1937954	35.234	ng/ul	98
74) Anthracene	17.422	178	1927766	34.557	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.340	216	492502	33.741	ng/uL#	86
76) Pentachlorobenzene	14.857	250	475508	34.072	ng/uL	90
77) Carbazole	17.692	167	1736316	34.497	ng/ul#	97
78) Di-n-butylphthalate	18.240	149	2190692	34.438	ng/ul#	93
80) Fluoranthene	19.292	202	2363894	37.466	ng/ul	97
82) Pyrene	19.645	202	2402766	36.792	ng/ul	96
83) Butylbenzylphthalate	20.516	149	1043963	37.535	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.281	252	666596	31.059	ng/ul#	96
85) Benzo(a)anthracene	21.351	228	2324430	35.409	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.275	149	1507075	35.915	ng/ul#	82
87) Chrysene	21.410	228	2269296	34.880	ng/ul	100
89) Di-n-octyl phthalate	22.210	149	2588683	39.533	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	2368589	37.075	ng/ul	100
91) Benzo(k)fluoranthene	23.110	252	2267295	37.613	ng/ul#	98
93) Benzo(a)pyrene	23.692	252	2242425	36.234	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	26.339	276	2240595	32.753	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.351	278	1966174	33.618	ng/ul#	95
96) Benzo(g,h,i)perylene	27.110	276	1585099	27.435	ng/ul#	90

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

