

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052022\
 Data File : BP010462.D
 Acq On : 21 May 2022 07:00
 Operator : CG/JU
 Sample : N2843-04MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW4H4MSD

Quant Time: May 23 00:43:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/23/2022
 Supervised By :mohammad ahmed 05/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	195265	20.000	ng/ul	0.00
20) Naphthalene-d8	10.693	136	840824	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.522	164	536564	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.275	188	1121057	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.363	240	983219	20.000	ng/ul	0.00
88) Perylene-d12	23.792	264	839275	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	6247m	1.364	ng/uL	0.00
4) Pyridine-d5	3.764	84	46616	3.584	ng/ul	0.00
7) Phenol-d5	7.058	99	143903	8.780	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	108276	9.833	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	114709	9.147	ng/ul	-0.01
15) 4-Methylphenol-d8	8.599	113	113464	8.146	ng/ul	-0.01
21) Nitrobenzene-d5	9.052	128	69664	10.705	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	50000	7.250	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	118183m	9.063	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	144811	7.469	ng/ul	-0.01
46) Dimethylphthalate-d6	13.934	166	372091	9.412	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	494306	10.840	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	34343m	4.881	ng/ul	0.00
60) Fluorene-d10	15.516	176	392461	11.411	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	9238	1.409	ng/ul	0.00
73) Anthracene-d10	17.375	188	622265	12.258	ng/ul	0.00
81) Pyrene-d10	19.610	212	729791	13.976	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	523940	12.432	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	36090	7.605	ng/uL#	20
5) Pyridine	3.781	79	159452	11.795	ng/ul#	43
6) Benzaldehyde	7.028	77	256053	29.554	ng/ul	94
8) Phenol	7.087	94	425003m	24.037	ng/ul	
10) Bis(2-Chloroethyl)ether	7.311	93	322345	23.188	ng/ul#	76
12) 2-Chlorophenol	7.458	128	323157	24.684	ng/ul	96
13) 2-Methylphenol	8.334	108	288674	21.871	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.422	45	518515	22.886	ng/ul#	83
16) Acetophenone	8.716	105	518069	23.674	ng/ul#	80
17) N-Nitroso-di-n-propyla...	8.699	70	265683	22.685	ng/ul#	73
18) 4-Methylphenol	8.663	108	326324	22.370	ng/ul	92
19) Hexachloroethane	8.969	117	134015	23.537	ng/ul#	80
22) Nitrobenzene	9.093	77	408898	23.911	ng/ul#	85
23) Isophorone	9.622	82	746271	23.610	ng/ul#	96
25) 2-Nitrophenol	9.805	139	185706	24.524	ng/ul#	84
26) 2,4-Dimethylphenol	9.869	107	167609	10.201	ng/ul#	80
27) Bis(2-Chloroethoxy)met...	10.099	93	437918	23.268	ng/ul#	96
29) 2,4-Dichlorophenol	10.340	162	333135m	24.987	ng/ul	
30) Naphthalene	10.740	128	1082332	24.645	ng/ul	96
32) 4-Chloroaniline	10.852	127	394238	20.488	ng/ul	97
33) Hexachlorobutadiene	11.034	225	224288	23.741	ng/ul	96
34) Caprolactam	11.628	113	118095m	25.382	ng/ul	
35) 4-Chloro-3-methylphenol	11.981	107	400130	25.656	ng/ul#	71
36) 2-Methylnaphthalene	12.352	142	738456	23.752	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	763439	24.320	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.722	216	417000	25.467	ng/ul	94
40) Hexachlorocyclopentadiene	12.699	237	59509	6.685	ng/ul	98
41) 2,4,6-Trichlorophenol	12.963	196	288608	28.276	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.034	196	333566m	29.270	ng/ul	
43) 1,1'-Biphenyl	13.357	154	985058	25.012	ng/ul#	92
44) 2-Chloronaphthalene	13.399	162	772008	25.379	ng/ul	94
45) 2-Nitroaniline	13.604	65	279812	27.950	ng/ul#	77
47) Dimethylphthalate	13.981	163	982804	25.063	ng/ul#	92
48) 2,6-Dinitrotoluene	14.098	165	223406	27.948	ng/ul	94
50) Acenaphthylene	14.246	152	1252346	25.387	ng/ul	96
51) 3-Nitroaniline	14.428	138	218891	29.176	ng/ul#	81
52) Acenaphthene	14.587	153	834528	25.933	ng/ul	98
53) 2,4-Dinitrophenol	14.640	184	55140	12.355	ng/ul#	70
55) 4-Nitrophenol	14.740	109	152930	24.443	ng/ul#	40
56) Dibenzofuran	14.922	168	1221563	25.902	ng/ul	99
57) 2,4-Dinitrotoluene	14.893	165	333981	29.023	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.151	232	277816	28.349	ng/ul#	86
59) Diethylphthalate	15.345	149	1065241	26.622	ng/ul	93
61) Fluorene	15.575	166	1030411	26.718	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.569	204	527654	26.302	ng/ul	99
63) 4-Nitroaniline	15.593	138	232352	31.366	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.657	198	99142	15.163	ng/ul#	91
67) N-Nitrosodiphenylamine	15.781	169	907536	28.866	ng/ul	94
68) 4-Bromophenyl-phenylether	16.463	248	332741	28.820	ng/ul	95
69) Hexachlorobenzene	16.587	284	379010	28.540	ng/ul#	89
70) Atrazine	16.740	200	363774	28.883	ng/ul#	88
71) Pentachlorophenol	16.928	266	200453	24.056	ng/ul#	84
72) Phenanthrene	17.322	178	1851776	30.951	ng/ul	99
74) Anthracene	17.410	178	1722896	28.706	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.328	216	426046	25.007	ng/uL#	86
76) Pentachlorobenzene	14.851	250	424547	27.464	ng/uL	89
77) Carbazole	17.681	167	1555820	29.496	ng/ul#	96
78) Di-n-butylphthalate	18.228	149	1969892	30.663	ng/ul#	93
80) Fluoranthene	19.286	202	2413340	39.772	ng/ul	96
82) Pyrene	19.639	202	2381937	37.615	ng/ul#	95
83) Butylbenzylphthalate	20.504	149	900046	35.545	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.275	252	395945	20.036	ng/ul#	96
85) Benzo(a)anthracene	21.345	228	2051976	33.374	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.269	149	1330028	35.795	ng/ul#	81
87) Chrysene	21.398	228	1966976	32.524	ng/ul	98
89) Di-n-octyl phthalate	22.198	149	2219871	35.258	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	1918680	34.299	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	1682057	31.637	ng/ul#	97
93) Benzo(a)pyrene	23.686	252	1705402	32.813	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.327	276	1692122	34.607	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.339	278	1343977	31.678	ng/ul#	94
96) Benzo(g,h,i)perylene	27.098	276	1019774	24.978	ng/ul#	90

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

