

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052522\
 Data File : BP010553.D
 Acq On : 26 May 2022 00:54
 Operator : CG/JU
 Sample : N2883-06MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW4K6MSD

Quant Time: May 26 02:15:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay

05/26/2022
 Supervised By :mohammad
 ahmed

05/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	147062	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.681	136	630716	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	409487	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	850968	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.351	240	815109	20.000	ng/ul	0.00
88) Perylene-d12	23.768	264	725523	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	12434	3.604	ng/uL	0.00
4) Pyridine-d5	3.758	84	94165	9.612	ng/ul	0.00
7) Phenol-d5	7.046	99	257657	20.874	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	186477	22.486	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	209633	22.195	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	224791	21.429	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	114654	23.488	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	98231	18.989	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	219334	22.423	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	217793	14.975	ng/ul	-0.01
46) Dimethylphthalate-d6	13.922	166	756795	25.085	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	889972	25.574	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	43191	8.043	ng/ul	0.00
60) Fluorene-d10	15.510	176	675486	25.736	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	35803m	7.194	ng/ul	0.00
73) Anthracene-d10	17.363	188	1061224	27.541	ng/ul	0.00
81) Pyrene-d10	19.598	212	1257569	29.051	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.616	264	1008442	27.681	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.370	88	32142	8.993	ng/uL#	20
5) Pyridine	3.775	79	121228	11.907	ng/ul#	35
6) Benzaldehyde	7.022	77	210292m	32.228	ng/ul	
8) Phenol	7.075	94	371937m	27.931	ng/ul	
10) Bis(2-Chloroethyl)ether	7.305	93	255577	24.411	ng/ul#	74
12) 2-Chlorophenol	7.446	128	248216	25.174	ng/ul	97
13) 2-Methylphenol	8.328	108	239919	24.135	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.416	45	425697	24.948	ng/ul#	82
16) Acetophenone	8.705	105	430583	26.126	ng/ul#	78
17) N-Nitroso-di-n-propyla...	8.693	70	221345	25.094	ng/ul#	72
18) 4-Methylphenol	8.652	108	265509	24.167	ng/ul	95
19) Hexachloroethane	8.957	117	108659	25.338	ng/ul#	76
22) Nitrobenzene	9.081	77	320730	25.003	ng/ul#	83
23) Isophorone	9.610	82	613906	25.892	ng/ul#	97
25) 2-Nitrophenol	9.799	139	147584m	25.983	ng/ul	
26) 2,4-Dimethylphenol	9.857	107	254982	20.688	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.093	93	358332	25.382	ng/ul#	97
29) 2,4-Dichlorophenol	10.328	162	251685	25.167	ng/ul#	86
30) Naphthalene	10.728	128	856274	25.992	ng/ul	97
32) 4-Chloroaniline	10.846	127	302140	20.933	ng/ul	95
33) Hexachlorobutadiene	11.022	225	183075	25.834	ng/ul	95
34) Caprolactam	11.622	113	93285m	26.728	ng/ul	
35) 4-Chloro-3-methylphenol	11.969	107	318993m	27.267	ng/ul	
36) 2-Methylnaphthalene	12.340	142	608444	26.089	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	617956	26.243	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.710	216	340420	27.242	ng/ul	93
40) Hexachlorocyclopentadiene	12.693	237	133685	19.678	ng/ul	95
41) 2,4,6-Trichlorophenol	12.951	196	218760	28.084	ng/ul#	86
42) 2,4,5-Trichlorophenol	13.022	196	239325	27.517	ng/ul#	88
43) 1,1'-Biphenyl	13.351	154	829746	27.606	ng/ul	94
44) 2-Chloronaphthalene	13.393	162	635564	27.378	ng/ul	94
45) 2-Nitroaniline	13.593	65	211998	27.748	ng/ul#	78
47) Dimethylphthalate	13.969	163	801739	26.790	ng/ul#	92
48) 2,6-Dinitrotoluene	14.092	165	171994	28.193	ng/ul	92
50) Acenaphthylene	14.234	152	1034424	27.477	ng/ul	95
51) 3-Nitroaniline	14.422	138	151140	26.397	ng/ul#	80
52) Acenaphthene	14.575	153	676146	27.532	ng/ul	96
53) 2,4-Dinitrophenol	14.634	184	76490	22.458	ng/ul#	77
55) 4-Nitrophenol	14.728	109	116916	24.486	ng/ul#	46
56) Dibenzofuran	14.916	168	981485	27.270	ng/ul	99
57) 2,4-Dinitrotoluene	14.881	165	246185	28.033	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.145	232	207298	27.718	ng/ul#	86
59) Diethylphthalate	15.334	149	853605	27.954	ng/ul	93
61) Fluorene	15.563	166	821968	27.927	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.557	204	417103	27.243	ng/ul	97
63) 4-Nitroaniline	15.581	138	161630	28.590	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.645	198	129948	26.182	ng/ul#	86
67) N-Nitrosodiphenylamine	15.769	169	725969	30.420	ng/ul	95
68) 4-Bromophenyl-phenylether	16.451	248	255795	29.188	ng/ul	99
69) Hexachlorobenzene	16.575	284	291737	28.940	ng/ul#	90
70) Atrazine	16.728	200	291798	30.522	ng/ul#	90
71) Pentachlorophenol	16.922	266	148576	23.489	ng/ul#	84
72) Phenanthrene	17.310	178	1321392	29.096	ng/ul	98
74) Anthracene	17.398	178	1316655	28.900	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.316	216	360153	27.849	ng/uL#	85
76) Pentachlorobenzene	14.840	250	348281	29.682	ng/uL	91
77) Carbazole	17.669	167	1170289	29.228	ng/ul#	95
78) Di-n-butylphthalate	18.222	149	1550597	31.797	ng/ul#	93
80) Fluoranthene	19.275	202	1575754	31.324	ng/ul	97
82) Pyrene	19.628	202	1617627	30.814	ng/ul	95
83) Butylbenzylphthalate	20.498	149	729977	34.774	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.263	252	464508	28.354	ng/ul#	95
85) Benzo(a)anthracene	21.333	228	1535007	30.115	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.257	149	1125111	36.525	ng/ul#	81
87) Chrysene	21.386	228	1489272	29.704	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	1863810	34.244	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	1409130m	29.139	ng/ul	
91) Benzo(k)fluoranthene	23.080	252	1353682	29.453	ng/ul#	97
93) Benzo(a)pyrene	23.668	252	1300534	28.946	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.292	276	1285524	30.414	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.304	278	1112291	30.327	ng/ul#	95
96) Benzo(g,h,i)perylene	27.057	276	827076	23.434	ng/ul#	90

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

