

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051822\
 Data File : BP010403.D
 Acq On : 18 May 2022 16:28
 Operator : CG/JU
 Sample : PB144853BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS853

Quant Time: May 19 01:58:53 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 05/19/2022
 Supervised By :mohammad ahmed 05/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.892	152	168581	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	747804	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.527	164	501484	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	1097042	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.362	240	1061052	20.000	ng/u1	# 0.00
88) Perylene-d12	23.792	264	954095	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	23037m	5.825	ng/uL	0.00
4) Pyridine-d5	3.757	84	324307	28.879	ng/u1	0.00
7) Phenol-d5	7.063	99	484581	34.248	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	312361	32.858	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	378102	34.922	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	411499	34.221	ng/u1	0.00
21) Nitrobenzene-d5	9.051	128	195995	33.865	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	217057	35.389	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	399612	34.457	ng/u1	0.00
31) 4-Chloroaniline-d4	10.833	131	542392	31.454	ng/u1	0.00
46) Dimethylphthalate-d6	13.939	166	1266956	34.290	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	1475346	34.618	ng/u1	0.00
54) 4-Nitrophenol-d4	14.727	143	223967m	34.056	ng/u1	0.00
60) Fluorene-d10	15.521	176	1084552	33.741	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	216671	33.771	ng/u1	0.00
73) Anthracene-d10	17.380	188	1688063	33.982	ng/u1	0.00
81) Pyrene-d10	19.609	212	2029305	36.013	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	1679435	35.055	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	46918	11.452	ng/uL#	18
5) Pyridine	3.775	79	343484	29.431	ng/u1#	35
6) Benzaldehyde	7.034	77	318565	42.589	ng/u1	94
8) Phenol	7.087	94	509837	33.400	ng/u1#	93
10) Bis(2-Chloroethyl)ether	7.316	93	393221	32.763	ng/u1#	75
12) 2-Chlorophenol	7.457	128	386310	34.178	ng/u1	96
13) 2-Methylphenol	8.339	108	386137	33.885	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.422	45	629733	32.194	ng/u1#	82
16) Acetophenone	8.722	105	624805	33.071	ng/u1#	79
17) N-Nitroso-di-n-propyla...	8.710	70	338394	33.467	ng/u1#	71
18) 4-Methylphenol	8.669	108	418931	33.264	ng/u1	93
19) Hexachloroethane	8.975	117	157727	32.086	ng/u1#	81
22) Nitrobenzene	9.098	77	492440	32.378	ng/u1#	84
23) Isophorone	9.628	82	942573	33.530	ng/u1#	98
25) 2-Nitrophenol	9.810	139	228591	33.943	ng/u1#	82
26) 2,4-Dimethylphenol	9.869	107	463507	31.719	ng/u1#	77
27) Bis(2-Chloroethoxy)met...	10.110	93	551553	32.952	ng/u1#	97
29) 2,4-Dichlorophenol	10.345	162	394539	33.274	ng/u1#	84
30) Naphthalene	10.745	128	1264701	32.379	ng/u1	97
32) 4-Chloroaniline	10.857	127	530992	31.028	ng/u1	97
33) Hexachlorobutadiene	11.039	225	270583	32.204	ng/u1	94
34) Caprolactam	11.633	113	143518m	34.683	ng/u1	
35) 4-Chloro-3-methylphenol	11.980	107	470422	33.914	ng/u1#	71
36) 2-Methylnaphthalene	12.357	142	892307	32.270	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	907491	32.504	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.727	216	504702	32.980	ng/ul	94
40) Hexachlorocyclopentadiene	12.710	237	256940	30.882	ng/ul	96
41) 2,4,6-Trichlorophenol	12.963	196	336385	35.263	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.039	196	369291	34.671	ng/ul#	86
43) 1,1'-Biphenyl	13.363	154	1226664	33.325	ng/ul	94
44) 2-Chloronaphthalene	13.404	162	948996	33.380	ng/ul	94
45) 2-Nitroaniline	13.604	65	332536	35.540	ng/ul#	77
47) Dimethylphthalate	13.986	163	1235255	33.704	ng/ul#	92
48) 2,6-Dinitrotoluene	14.104	165	264008	35.337	ng/ul	93
50) Acenaphthylene	14.251	152	1549648	33.612	ng/ul	96
51) 3-Nitroaniline	14.433	138	257498	36.723	ng/ul#	79
52) Acenaphthene	14.592	153	1003337	33.360	ng/ul	97
53) 2,4-Dinitrophenol	14.639	184	130122	31.196	ng/ul#	75
55) 4-Nitrophenol	14.739	109	187681	32.095	ng/ul#	39
56) Dibenzofuran	14.927	168	1456426	33.043	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	379277	35.265	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.157	232	314362	34.322	ng/ul#	88
59) Diethylphthalate	15.351	149	1265242	33.833	ng/ul	93
61) Fluorene	15.580	166	1193046	33.099	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.569	204	617409	32.928	ng/ul	98
63) 4-Nitroaniline	15.598	138	267007	38.565	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.657	198	213911	33.432	ng/ul#	87
67) N-Nitrosodiphenylamine	15.786	169	1046544	34.017	ng/ul	95
68) 4-Bromophenyl-phenylether	16.468	248	379508	33.590	ng/ul	95
69) Hexachlorobenzene	16.586	284	430836	33.152	ng/ul#	89
70) Atrazine	16.745	200	405017	32.862	ng/ul	91
71) Pentachlorophenol	16.933	266	265652	32.578	ng/ul#	85
72) Phenanthrene	17.321	178	1947715	33.268	ng/ul	98
74) Anthracene	17.415	178	1941430	33.055	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.327	216	532343	31.930	ng/uL#	87
76) Pentachlorobenzene	14.851	250	503746	33.301	ng/uL	91
77) Carbazole	17.686	167	1744291	33.793	ng/ul#	96
78) Di-n-butylphthalate	18.233	149	2214802	35.230	ng/ul#	93
80) Fluoranthene	19.286	202	2361984	36.070	ng/ul	98
82) Pyrene	19.639	202	2389607	34.968	ng/ul	97
83) Butylbenzylphthalate	20.509	149	1033718	37.830	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.280	252	780821	36.614	ng/ul#	96
85) Benzo(a)anthracene	21.345	228	2260508	34.069	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.274	149	1503494	37.495	ng/ul#	82
87) Chrysene	21.404	228	2216325	33.959	ng/ul	99
89) Di-n-octyl phthalate	22.203	149	2584821	36.114	ng/ul	100
90) Benzo(b)fluoranthene	23.050	252	2175478	34.209	ng/ul	100
91) Benzo(k)fluoranthene	23.098	252	2071688	34.277	ng/ul#	97
93) Benzo(a)pyrene	23.686	252	2001928	33.883	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	26.321	276	1892510	34.048	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.339	278	1624895	33.690	ng/ul#	95
96) Benzo(g,h,i)perylene	27.097	276	1584953	34.149	ng/ul#	91

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

