

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040822\
 Data File : BP009741.D
 Acq On : 09 Apr 2022 04:55
 Operator : CG/JU
 Sample : PB143885BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS885

Quant Time: Apr 09 05:53:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 07 19:16:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
 Supervised By :Yogesh Patel 04/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	91448	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	401550	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.604	164	287121	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.357	188	639668	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.433	240	716920	20.000	ng/u1	#-0.01
88) Perylene-d12	23.910	264	737724	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	13986m	6.826	ng/uL	0.00
4) Pyridine-d5	3.805	84	195733	34.646	ng/u1	0.00
7) Phenol-d5	7.128	99	281353	35.044	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	173464	36.292	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	219066	36.173	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	242569	36.193	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	115159	39.769	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	129441	40.773	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	244043	36.736	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	314741	33.264	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	835753	37.056	ng/u1	-0.01
49) Acenaphthylene-d8	14.298	160	926722	34.683	ng/u1	0.00
54) 4-Nitrophenol-d4	14.787	143	158578	38.770	ng/u1	0.00
60) Fluorene-d10	15.598	176	700372	36.914	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	149637	39.488	ng/u1	0.00
73) Anthracene-d10	17.457	188	1124512	36.717	ng/u1	0.00
81) Pyrene-d10	19.680	212	1432166	36.577	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.751	264	1481102	38.552	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	26488	12.681	ng/uL#	18
5) Pyridine	3.822	79	193600	32.844	ng/u1#	37
6) Benzaldehyde	7.105	77	186429m	37.863	ng/u1	
8) Phenol	7.152	94	276316	34.383	ng/u1#	88
10) Bis(2-Chloroethyl)ether	7.393	93	212433	33.935	ng/u1#	79
12) 2-Chlorophenol	7.534	128	212456	34.797	ng/u1	95
13) 2-Methylphenol	8.410	108	214004	34.150	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.510	45	322819	34.887	ng/u1#	84
16) Acetophenone	8.793	105	354516	33.573	ng/u1#	80
17) N-Nitroso-di-n-propyla...	8.787	70	190256	34.753	ng/u1#	72
18) 4-Methylphenol	8.740	108	234399	34.540	ng/u1	93
19) Hexachloroethane	9.063	117	89932	34.887	ng/u1#	80
22) Nitrobenzene	9.175	77	272770	36.699	ng/u1#	85
23) Isophorone	9.704	82	531167	34.681	ng/u1	98
25) 2-Nitrophenol	9.887	139	128232	37.871	ng/u1#	84
26) 2,4-Dimethylphenol	9.951	107	271169	33.747	ng/u1#	81
27) Bis(2-Chloroethoxy)met...	10.187	93	304048	33.813	ng/u1#	98
29) 2,4-Dichlorophenol	10.422	162	228375	35.459	ng/u1#	85
30) Naphthalene	10.834	128	705424	34.158	ng/u1	98
32) 4-Chloroaniline	10.934	127	295336	31.542	ng/u1	97
33) Hexachlorobutadiene	11.128	225	161223	34.757	ng/u1	96
34) Caprolactam	11.704	113	83531m	39.218	ng/u1	
35) 4-Chloro-3-methylphenol	12.051	107	278807	35.727	ng/u1#	71
36) 2-Methylnaphthalene	12.440	142	510808	33.856	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	518737	34.051	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.804	216	301569	34.330	ng/ul	93
40) Hexachlorocyclopentadiene	12.793	237	182648	29.962	ng/ul	96
41) 2,4,6-Trichlorophenol	13.040	196	202293	36.060	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.110	196	226322m	37.331	ng/ul	
43) 1,1'-Biphenyl	13.440	154	717736	34.260	ng/ul	93
44) 2-Chloronaphthalene	13.481	162	551314	34.236	ng/ul	94
45) 2-Nitroaniline	13.675	65	192088	40.703	ng/ul#	79
47) Dimethylphthalate	14.057	163	757192	34.882	ng/ul#	93
48) 2,6-Dinitrotoluene	14.175	165	158236	39.630	ng/ul	96
50) Acenaphthylene	14.328	152	910647	34.535	ng/ul	96
51) 3-Nitroaniline	14.498	138	156582	37.722	ng/ul#	82
52) Acenaphthene	14.669	153	592184	34.300	ng/ul	96
53) 2,4-Dinitrophenol	14.698	184	90510	37.502	ng/ul#	75
55) 4-Nitrophenol	14.798	109	146667m	38.953	ng/ul	
56) Dibenzofuran	15.004	168	873590	34.380	ng/ul	96
57) 2,4-Dinitrotoluene	14.957	165	235966	40.246	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.228	232	202369	36.610	ng/ul#	85
59) Diethylphthalate	15.428	149	797629	35.505	ng/ul#	92
61) Fluorene	15.651	166	720808	34.440	ng/ul	89
62) 4-Chlorophenyl-phenyle...	15.651	204	380767	34.215	ng/ul	97
63) 4-Nitroaniline	15.663	138	180748m	43.474	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.722	198	139338	36.992	ng/ul#	89
67) N-Nitrosodiphenylamine	15.857	169	639558	34.928	ng/ul	93
68) 4-Bromophenyl-phenylether	16.545	248	242571	35.033	ng/ul	95
69) Hexachlorobenzene	16.663	284	280171	35.189	ng/ul#	89
70) Atrazine	16.816	200	268764	35.560	ng/ul	92
71) Pentachlorophenol	17.004	266	189283	35.122	ng/ul#	84
72) Phenanthrene	17.398	178	1217450	35.656	ng/ul	98
74) Anthracene	17.492	178	1223655	35.348	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	322919	34.917	ng/ul#	86
76) Pentachlorobenzene	14.928	250	310165	34.408	ng/ul	90
77) Carbazole	17.751	167	1129480	36.104	ng/ul#	95
78) Di-n-butylphthalate	18.310	149	1428699	37.138	ng/ul#	93
80) Fluoranthene	19.357	202	1567165	34.773	ng/ul#	95
82) Pyrene	19.710	202	1594050	34.885	ng/ul#	92
83) Butylbenzylphthalate	20.580	149	683259	36.450	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.345	252	565454	37.013	ng/ul#	96
85) Benzo(a)anthracene	21.421	228	1643635	36.164	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.351	149	1023224	36.290	ng/ul#	82
87) Chrysene	21.474	228	1589739	36.254	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	1744973	33.760	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	1767448	36.060	ng/ul	99
91) Benzo(k)fluoranthene	23.204	252	1610049	35.998	ng/ul	99
93) Benzo(a)pyrene	23.804	252	1676992	36.911	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.504	276	1902125	40.036	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.527	278	1638182	39.765	ng/ul#	97
96) Benzo(g,h,i)perylene	27.298	276	1568445	40.038	ng/ul	93

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

