

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041522\
 Data File : BP009866.D
 Acq On : 15 Apr 2022 17:52
 Operator : CG/JU
 Sample : PB144122BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS122

Quant Time: Apr 18 01:03:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 18 00:59:30 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/18/2022
 Supervised By :Yogesh Patel 04/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	156632	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	725787	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.593	164	521900	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	1178541	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.427	240	1229834	20.000	ng/u1	# 0.00
88) Perylene-d12	23.886	264	1133038	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	17848m	5.085	ng/uL	0.00
4) Pyridine-d5	3.799	84	262716	27.150	ng/u1	0.00
7) Phenol-d5	7.111	99	392541	28.546	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	246122	30.064	ng/u1	0.00
11) 2-Chlorophenol-d4	7.487	132	310100	29.895	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	344554	30.015	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	163796	31.295	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	182572	31.817	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	348257	29.003	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	456388	26.686	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	1184805	28.901	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	1337319	27.535	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	218895	29.442	ng/u1	0.00
60) Fluorene-d10	15.581	176	1012592	29.361	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	218311	31.269	ng/u1	0.00
73) Anthracene-d10	17.439	188	1635957	28.992	ng/u1	0.00
81) Pyrene-d10	19.669	212	2036722	30.323	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	1839492	31.175	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	38359	10.722	ng/uL#	32
5) Pyridine	3.817	79	278741	27.609	ng/u1#	48
6) Benzaldehyde	7.093	77	263353	31.227	ng/u1	98
8) Phenol	7.140	94	417570	30.336	ng/u1#	91
10) Bis(2-Chloroethyl)ether	7.375	93	323093	30.134	ng/u1#	78
12) 2-Chlorophenol	7.522	128	319805	30.581	ng/u1	92
13) 2-Methylphenol	8.399	108	319935	29.807	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.493	45	478569	30.196	ng/u1#	85
16) Acetophenone	8.781	105	536482	29.662	ng/u1#	75
17) N-Nitroso-di-n-propyla...	8.775	70	286692	30.575	ng/u1#	74
18) 4-Methylphenol	8.728	108	357369	30.745	ng/u1	93
19) Hexachloroethane	9.046	117	131545	29.793	ng/u1	85
22) Nitrobenzene	9.158	77	415641	30.939	ng/u1#	82
23) Isophorone	9.693	82	803770	29.035	ng/u1	97
25) 2-Nitrophenol	9.875	139	197717	32.306	ng/u1#	87
26) 2,4-Dimethylphenol	9.934	107	413190	28.450	ng/u1#	81
27) Bis(2-Chloroethoxy)met...	10.169	93	470849	28.970	ng/u1#	97
29) 2,4-Dichlorophenol	10.410	162	349894	30.057	ng/u1#	84
30) Naphthalene	10.816	128	1087334	29.130	ng/u1	97
32) 4-Chloroaniline	10.922	127	455142	26.893	ng/u1	97
33) Hexachlorobutadiene	11.110	225	247866	29.564	ng/u1	93
34) Caprolactam	11.693	113	125298m	32.547	ng/u1	
35) 4-Chloro-3-methylphenol	12.040	107	425333	30.154	ng/u1#	70
36) 2-Methylnaphthalene	12.422	142	801786	29.402	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	806422	29.287	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.793	216	471552	29.532	ng/ul	95
40) Hexachlorocyclopentadiene	12.775	237	270619	24.423	ng/ul	95
41) 2,4,6-Trichlorophenol	13.022	196	310914	30.490	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.093	196	346419	31.436	ng/ul#	87
43) 1,1'-Biphenyl	13.428	154	1121906	29.462	ng/ul	94
44) 2-Chloronaphthalene	13.469	162	868347	29.666	ng/ul	93
45) 2-Nitroaniline	13.663	65	301148	35.106	ng/ul#	80
47) Dimethylphthalate	14.046	163	1175825	29.800	ng/ul#	92
48) 2,6-Dinitrotoluene	14.163	165	247573	34.112	ng/ul	91
50) Acenaphthylene	14.310	152	1419939	29.625	ng/ul	96
51) 3-Nitroaniline	14.487	138	243140	32.225	ng/ul#	82
52) Acenaphthene	14.651	153	918408	29.265	ng/ul	98
53) 2,4-Dinitrophenol	14.687	184	136244	31.056	ng/ul#	80
55) 4-Nitrophenol	14.793	109	205477	30.023	ng/ul#	51
56) Dibenzofuran	14.987	168	1362230	29.494	ng/ul	98
57) 2,4-Dinitrotoluene	14.945	165	369372	34.659	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.216	232	315456	31.396	ng/ul#	87
59) Diethylphthalate	15.410	149	1231156	30.149	ng/ul	93
61) Fluorene	15.640	166	1133408	29.792	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.634	204	600048	29.664	ng/ul	99
63) 4-Nitroaniline	15.651	138	267313m	35.372	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.710	198	217262	31.307	ng/ul#	89
67) N-Nitrosodiphenylamine	15.845	169	993058	29.436	ng/ul	95
68) 4-Bromophenyl-phenylether	16.528	248	382635	29.994	ng/ul	96
69) Hexachlorobenzene	16.651	284	438942	29.923	ng/ul#	92
70) Atrazine	16.798	200	410935	29.510	ng/ul#	90
71) Pentachlorophenol	16.992	266	287573	28.962	ng/ul#	85
72) Phenanthrene	17.387	178	1897853	30.168	ng/ul	98
74) Anthracene	17.475	178	1910120	29.948	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.393	216	505399	29.661	ng/uL#	86
76) Pentachlorobenzene	14.910	250	489867	29.495	ng/uL	92
77) Carbazole	17.739	167	1726225	29.949	ng/ul#	95
78) Di-n-butylphthalate	18.292	149	2188992	30.884	ng/ul#	93
80) Fluoranthene	19.345	202	2384941	30.848	ng/ul#	95
82) Pyrene	19.698	202	2430352	31.005	ng/ul#	94
83) Butylbenzylphthalate	20.569	149	1032025	32.094	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.333	252	783463	29.895	ng/ul#	97
85) Benzo(a)anthracene	21.410	228	2401468	30.802	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.333	149	1536868	31.774	ng/ul#	82
87) Chrysene	21.463	228	2328616	30.956	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	2604554	32.809	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	2370594	31.491	ng/ul	98
91) Benzo(k)fluoranthene	23.186	252	2265274m	32.977	ng/ul	
93) Benzo(a)pyrene	23.780	252	2226599	31.909	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.468	276	2283775	31.298	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.486	278	1976554	31.239	ng/ul#	95
96) Benzo(g,h,i)perylene	27.262	276	1852322	30.787	ng/ul#	93

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

