

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041522\
 Data File : BP009885.D
 Acq On : 16 Apr 2022 05:05
 Operator : CG/JU
 Sample : PB144125BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS125

Quant Time: Apr 18 01:08:49 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	7.957	152	147503	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.763	136	647399	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	446867	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	1017002	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.421	240	1089641	20.000	ng/ul	# 0.00
88) Perylene-d12	23.886	264	1037466	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	24910	7.537	ng/uL	0.00
4) Pyridine-d5	3.793	84	340025	37.314	ng/ul	0.00
7) Phenol-d5	7.110	99	493087	38.077	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	305880	39.676	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	394899	40.427	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	426169	39.422	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	205412	43.999	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	225774	44.110	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	426948	39.862	ng/ul	0.00
31) 4-Chloroaniline-d4	10.892	131	569739	37.348	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	1381619	39.360	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	1586518	38.150	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	264217	41.505	ng/ul	0.00
60) Fluorene-d10	15.580	176	1179733	39.952	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	260851	43.297	ng/ul	0.00
73) Anthracene-d10	17.439	188	1908611	39.197	ng/ul	0.00
81) Pyrene-d10	19.668	212	2368129	39.793	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	2258169	41.797	ng/ul	0.00
Target Compounds	Qvalue					
2) 1,4-Dioxane	3.416	88	47669	14.148	ng/uL#	23
5) Pyridine	3.816	79	354316	37.266	ng/ul#	48
6) Benzaldehyde	7.087	77	321370	40.465	ng/ul	96
8) Phenol	7.140	94	521565	40.237	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.375	93	394392	39.060	ng/ul#	79
12) 2-Chlorophenol	7.522	128	401133	40.732	ng/ul	91
13) 2-Methylphenol	8.398	108	394090	38.988	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.487	45	571813	38.312	ng/ul#	85
16) Acetophenone	8.781	105	648282	38.062	ng/ul#	81
17) N-Nitroso-di-n-propyla...	8.775	70	338894	38.378	ng/ul#	76
18) 4-Methylphenol	8.728	108	433390	39.593	ng/ul	93
19) Hexachloroethane	9.045	117	163199	39.250	ng/ul	86
22) Nitrobenzene	9.157	77	505143	42.154	ng/ul#	86
23) Isophorone	9.693	82	956474	38.735	ng/ul	96
25) 2-Nitrophenol	9.875	139	240400	44.037	ng/ul#	82
26) 2,4-Dimethylphenol	9.934	107	491326	37.926	ng/ul#	80
27) Bis(2-Chloroethoxy)met...	10.169	93	553072	38.150	ng/ul#	98
29) 2,4-Dichlorophenol	10.410	162	420811	40.526	ng/ul#	83
30) Naphthalene	10.816	128	1323171	39.740	ng/ul	97
32) 4-Chloroaniline	10.916	127	561352	37.185	ng/ul	96
33) Hexachlorobutadiene	11.110	225	289122	38.661	ng/ul	95
34) Caprolactam	11.692	113	152595m	44.437	ng/ul	
35) 4-Chloro-3-methylphenol	12.039	107	501539	39.862	ng/ul#	69
36) 2-Methylnaphthalene	12.422	142	938114	38.566	ng/ul	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	967169	39.378	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.786	216	550702	40.280	ng/ul#	93
40) Hexachlorocyclopentadiene	12.775	237	315254	33.228	ng/ul	95
41) 2,4,6-Trichlorophenol	13.022	196	365199	41.827	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.092	196	404236	42.842	ng/ul#	87
43) 1,1'-Biphenyl	13.428	154	1303466	39.977	ng/ul	93
44) 2-Chloronaphthalene	13.469	162	1011304	40.351	ng/ul	94
45) 2-Nitroaniline	13.663	65	351459	47.851	ng/ul#	81
47) Dimethylphthalate	14.045	163	1344206	39.788	ng/ul#	92
48) 2,6-Dinitrotoluene	14.157	165	290741	46.786	ng/ul	94
50) Acenaphthylene	14.310	152	1657700	40.392	ng/ul	96
51) 3-Nitroaniline	14.486	138	292372	45.256	ng/ul#	81
52) Acenaphthene	14.651	153	1062072	39.526	ng/ul	97
53) 2,4-Dinitrophenol	14.686	184	168178	44.772	ng/ul#	81
55) 4-Nitrophenol	14.792	109	240161	40.983	ng/ul#	52
56) Dibenzofuran	14.986	168	1567971	39.648	ng/ul	98
57) 2,4-Dinitrotoluene	14.945	165	426105	46.696	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.210	232	364272	42.342	ng/ul#	87
59) Diethylphthalate	15.410	149	1380585	39.486	ng/ul	93
61) Fluorene	15.639	166	1291753	39.656	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.633	204	677384	39.109	ng/ul	98
63) 4-Nitroaniline	15.651	138	311917m	48.204	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.710	198	251235	41.952	ng/ul#	90
67) N-Nitrosodiphenylamine	15.845	169	1137031	39.056	ng/ul	94
68) 4-Bromophenyl-phenylether	16.527	248	434107	39.433	ng/ul	93
69) Hexachlorobenzene	16.651	284	498476	39.379	ng/ul#	92
70) Atrazine	16.798	200	462695	38.505	ng/ul#	90
71) Pentachlorophenol	16.986	266	334406	39.028	ng/ul#	85
72) Phenanthrene	17.386	178	2179540	40.149	ng/ul	99
74) Anthracene	17.474	178	2190441	39.798	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	582235	39.598	ng/uL#	84
76) Pentachlorobenzene	14.910	250	559936	39.069	ng/uL	91
77) Carbazole	17.739	167	1979698	39.802	ng/ul#	95
78) Di-n-butylphthalate	18.292	149	2452728	40.101	ng/ul#	93
80) Fluoranthene	19.345	202	2737017	39.957	ng/ul#	95
82) Pyrene	19.698	202	2780082	40.030	ng/ul#	93
83) Butylbenzylphthalate	20.568	149	1168476	41.013	ng/ul#	78
84) 3,3'-Dichlorobenzidine	21.333	252	956007	41.172	ng/ul#	96
85) Benzo(a)anthracene	21.404	228	2812140	40.710	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.333	149	1693449	39.516	ng/ul#	83
87) Chrysene	21.462	228	2723921	40.870	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	2948656	40.566	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	2969300	43.078	ng/ul	99
91) Benzo(k)fluoranthene	23.186	252	2585044	41.099	ng/ul#	98
93) Benzo(a)pyrene	23.780	252	2675888	41.880	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.468	276	2792530	41.796	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.492	278	2407868	41.561	ng/ul#	97
96) Benzo(g,h,i)perylene	27.256	276	2291573	41.596	ng/ul#	92

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

