

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041122\
 Data File : BP009773.D
 Acq On : 12 Apr 2022 03:46
 Operator : CG/JU
 Sample : PB144015BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS015

Quant Time: Apr 12 04:36:05 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 04/13/2022
 Supervised By :Yogesh Patel 04/13/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	144094	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.775	136	624346	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.598	164	427385	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.351	188	947472	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.433	240	978254	20.000	ng/ul	-0.01
88) Perylene-d12	23.904	264	884192	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	21236m	6.577	ng/uL	0.00
4) Pyridine-d5	3.805	84	304603	34.218	ng/ul	0.00
7) Phenol-d5	7.122	99	426713	33.731	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	265742	35.285	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.499	132	336277	35.240	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	362351	34.312	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	172458	38.304	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.852	143	193296	39.159	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.393	165	357321	34.593	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.904	131	451997	30.724	ng/ul	-0.01
46) Dimethylphthalate-d6	14.010	166	1179279	35.127	ng/ul	-0.01
49) Acenaphthylene-d8	14.293	160	1346341	33.851	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.787	143	225272	37.000	ng/ul	0.00
60) Fluorene-d10	15.592	176	1009839	35.757	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.704	200	216114	38.503	ng/ul	0.00
73) Anthracene-d10	17.451	188	1598864	35.245	ng/ul	-0.01
81) Pyrene-d10	19.675	212	1963429	36.749	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.739	264	1699364	36.906	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	43435	13.197	ng/uL#	21
5) Pyridine	3.822	79	323014	34.778	ng/ul#	45
6) Benzaldehyde	7.099	77	293060	37.773	ng/ul	95
8) Phenol	7.152	94	453555	35.818	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.387	93	345894	35.067	ng/ul#	79
12) 2-Chlorophenol	7.528	128	347197	36.089	ng/ul	95
13) 2-Methylphenol	8.410	108	347235	35.166	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.505	45	508773	34.895	ng/ul#	84
16) Acetophenone	8.793	105	569864	34.250	ng/ul#	80
17) N-Nitroso-di-n-propyla...	8.787	70	299299	34.696	ng/ul#	72
18) 4-Methylphenol	8.740	108	374740	35.045	ng/ul	93
19) Hexachloroethane	9.057	117	144714	35.628	ng/ul	85
22) Nitrobenzene	9.169	77	441721	38.223	ng/ul#	83
23) Isophorone	9.704	82	841443	35.334	ng/ul	96
25) 2-Nitrophenol	9.887	139	208182	39.543	ng/ul#	84
26) 2,4-Dimethylphenol	9.946	107	441719	35.356	ng/ul#	80
27) Bis(2-Chloroethoxy)met...	10.187	93	491307	35.141	ng/ul#	98
29) 2,4-Dichlorophenol	10.422	162	363903	36.340	ng/ul#	84
30) Naphthalene	10.828	128	1143129	35.601	ng/ul	97
32) 4-Chloroaniline	10.928	127	455946	31.318	ng/ul	98
33) Hexachlorobutadiene	11.128	225	256578	35.576	ng/ul	97
34) Caprolactam	11.710	113	127191m	38.407	ng/ul	
35) 4-Chloro-3-methylphenol	12.051	107	441291	36.369	ng/ul#	69
36) 2-Methylnaphthalene	12.434	142	815048	34.744	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	832764	35.158	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.798	216	475715	36.381	ng/ul	94
40) Hexachlorocyclopentadiene	12.787	237	297222	32.756	ng/ul	96
41) 2,4,6-Trichlorophenol	13.034	196	315384	37.768	ng/ul#	81
42) 2,4,5-Trichlorophenol	13.104	196	350323	38.820	ng/ul#	87
43) 1,1'-Biphenyl	13.440	154	1138344	36.504	ng/ul	93
44) 2-Chloronaphthalene	13.481	162	873437	36.439	ng/ul	94
45) 2-Nitroaniline	13.675	65	305234	43.452	ng/ul#	83
47) Dimethylphthalate	14.057	163	1184307	36.653	ng/ul#	93
48) 2,6-Dinitrotoluene	14.169	165	251259	42.275	ng/ul	98
50) Acenaphthylene	14.322	152	1444567	36.804	ng/ul	95
51) 3-Nitroaniline	14.492	138	235779	38.160	ng/ul#	83
52) Acenaphthene	14.663	153	931957	36.264	ng/ul	98
53) 2,4-Dinitrophenol	14.698	184	146281	40.718	ng/ul#	82
55) 4-Nitrophenol	14.798	109	214934	38.350	ng/ul#	53
56) Dibenzofuran	14.998	168	1365151	36.093	ng/ul	98
57) 2,4-Dinitrotoluene	14.951	165	368595	42.235	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.222	232	311824	37.898	ng/ul#	86
59) Diethylphthalate	15.422	149	1223741	36.595	ng/ul	93
61) Fluorene	15.651	166	1134787	36.425	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.645	204	593515	35.829	ng/ul	97
63) 4-Nitroaniline	15.657	138	275805m	44.566	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.722	198	219156	39.281	ng/ul#	93
67) N-Nitrosodiphenylamine	15.851	169	993662	36.637	ng/ul	94
68) 4-Bromophenyl-phenylether	16.539	248	370330	36.109	ng/ul	96
69) Hexachlorobenzene	16.657	284	427228	36.227	ng/ul#	89
70) Atrazine	16.810	200	406166	36.281	ng/ul	92
71) Pentachlorophenol	16.998	266	286340	35.871	ng/ul#	85
72) Phenanthrene	17.392	178	1859717	36.772	ng/ul	99
74) Anthracene	17.486	178	1894038	36.938	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.404	216	508228	37.101	ng/uL#	85
76) Pentachlorobenzene	14.922	250	478306	35.822	ng/uL	91
77) Carbazole	17.751	167	1701459	36.718	ng/ul#	95
78) Di-n-butylphthalate	18.304	149	2143164	37.612	ng/ul#	93
80) Fluoranthene	19.351	202	2318341	37.699	ng/ul	96
82) Pyrene	19.704	202	2370749	38.023	ng/ul#	94
83) Butylbenzylphthalate	20.575	149	1012015	39.566	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.339	252	765635	36.728	ng/ul#	98
85) Benzo(a)anthracene	21.416	228	2316209	37.348	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.345	149	1470953	38.233	ng/ul#	82
87) Chrysene	21.469	228	2235396	37.359	ng/ul	98
89) Di-n-octyl phthalate	22.292	149	2476602	39.978	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	2311660	39.350	ng/ul	98
91) Benzo(k)fluoranthene	23.198	252	2007690	37.453	ng/ul	99
93) Benzo(a)pyrene	23.792	252	2063217	37.889	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.486	276	2028941	35.631	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.509	278	1760304	35.651	ng/ul#	96
96) Benzo(g,h,i)perylene	27.274	276	1642517	34.983	ng/ul#	92

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

