

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041122\
 Data File : BP009805.D
 Acq On : 13 Apr 2022 04:17
 Operator : CG/JU
 Sample : PB144055BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS055

Quant Time: Apr 13 05:53:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 13 02:15:22 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	7.963	152	134914	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	618992	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	461311	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	1036908	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.427	240	1075137	20.000	ng/u1	0.00
88) Perylene-d12	23.892	264	980791	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	17187m	5.685	ng/uL	0.00
4) Pyridine-d5	3.799	84	233165	27.975	ng/u1	0.00
7) Phenol-d5	7.122	99	327670	27.664	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	208032m	29.502	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	258981	28.986	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	286616	28.987	ng/u1	0.00
21) Nitrobenzene-d5	9.122	128	139875	31.336	ng/u1	0.00
24) 2-Nitrophenol-d4	9.846	143	151411	30.939	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	296072	28.912	ng/u1	0.00
31) 4-Chloroaniline-d4	10.904	131	363906	24.950	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	1016507	28.052	ng/u1	0.00
49) Acenaphthylene-d8	14.287	160	1151099	26.813	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	187343	28.507	ng/u1	0.00
60) Fluorene-d10	15.586	176	877668	28.792	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	184530	30.041	ng/u1	0.00
73) Anthracene-d10	17.445	188	1408049	28.362	ng/u1	0.00
81) Pyrene-d10	19.674	212	1732403	29.503	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	1526296	29.883	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	32731	10.621	ng/uL#	11
5) Pyridine	3.822	79	241683	27.792	ng/u1#	40
6) Benzaldehyde	7.099	77	219161	30.170	ng/u1	97
8) Phenol	7.146	94	339088	28.600	ng/u1#	84
10) Bis(2-Chloroethyl)ether	7.381	93	259535	28.102	ng/u1#	76
12) 2-Chlorophenol	7.528	128	261674	29.050	ng/u1	95
13) 2-Methylphenol	8.404	108	260838	28.213	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.499	45	409873	30.025	ng/u1#	84
16) Acetophenone	8.787	105	441391	28.333	ng/u1#	76
17) N-Nitroso-di-n-propyla...	8.781	70	235537	29.163	ng/u1#	67
18) 4-Methylphenol	8.734	108	286720	28.638	ng/u1	93
19) Hexachloroethane	9.051	117	112226	29.509	ng/u1#	82
22) Nitrobenzene	9.169	77	351077	30.642	ng/u1#	82
23) Isophorone	9.698	82	657390	27.844	ng/u1	97
25) 2-Nitrophenol	9.881	139	162318	31.098	ng/u1#	90
26) 2,4-Dimethylphenol	9.940	107	348553	28.140	ng/u1#	81
27) Bis(2-Chloroethoxy)met...	10.181	93	383184	27.644	ng/u1#	97
29) 2,4-Dichlorophenol	10.416	162	289718	29.182	ng/u1#	83
30) Naphthalene	10.822	128	899611	28.259	ng/u1	97
32) 4-Chloroaniline	10.928	127	355635	24.639	ng/u1	95
33) Hexachlorobutadiene	11.122	225	209233	29.262	ng/u1	96
34) Caprolactam	11.698	113	99767m	30.386	ng/u1	
35) 4-Chloro-3-methylphenol	12.045	107	352953	29.340	ng/u1#	72
36) 2-Methylnaphthalene	12.428	142	664265	28.561	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	674452	28.721	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.798	216	395242	28.004	ng/ul	93
40) Hexachlorocyclopentadiene	12.781	237	243769	24.889	ng/ul	97
41) 2,4,6-Trichlorophenol	13.028	196	261954	29.063	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.098	196	284212	29.178	ng/ul#	87
43) 1,1'-Biphenyl	13.434	154	942152	27.991	ng/ul	93
44) 2-Chloronaphthalene	13.475	162	727892	28.133	ng/ul	93
45) 2-Nitroaniline	13.669	65	251307	33.144	ng/ul#	78
47) Dimethylphthalate	14.051	163	970767	27.834	ng/ul#	92
48) 2,6-Dinitrotoluene	14.163	165	205048	31.963	ng/ul	99
50) Acenaphthylene	14.316	152	1200106	28.327	ng/ul	95
51) 3-Nitroaniline	14.492	138	188112	28.206	ng/ul#	86
52) Acenaphthene	14.663	153	776169	27.981	ng/ul	97
53) 2,4-Dinitrophenol	14.692	184	113258	29.207	ng/ul#	78
55) 4-Nitrophenol	14.792	109	184027	30.420	ng/ul#	58
56) Dibenzofuran	14.992	168	1149856	28.165	ng/ul	96
57) 2,4-Dinitrotoluene	14.951	165	303723	32.242	ng/ul#	75
58) 2,3,4,6-Tetrachlorophenol	15.222	232	257476	28.991	ng/ul#	87
59) Diethylphthalate	15.416	149	1025210	28.403	ng/ul#	92
61) Fluorene	15.645	166	957390	28.471	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.639	204	505103	28.250	ng/ul	96
63) 4-Nitroaniline	15.657	138	222495m	33.308	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.716	198	176527	28.911	ng/ul#	88
67) N-Nitrosodiphenylamine	15.851	169	838017	28.233	ng/ul	94
68) 4-Bromophenyl-phenylether	16.533	248	316157	28.168	ng/ul	95
69) Hexachlorobenzene	16.657	284	362114	28.057	ng/ul#	91
70) Atrazine	16.804	200	343201	28.012	ng/ul#	90
71) Pentachlorophenol	16.992	266	238560	27.308	ng/ul#	84
72) Phenanthrene	17.392	178	1590194	28.731	ng/ul	99
74) Anthracene	17.480	178	1611118	28.711	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.398	216	427069	28.488	ng/uL#	86
76) Pentachlorobenzene	14.916	250	409547	28.027	ng/uL	92
77) Carbazole	17.745	167	1455201	28.695	ng/ul#	96
78) Di-n-butylphthalate	18.298	149	1821423	29.208	ng/ul#	94
80) Fluoranthene	19.351	202	1993082	29.489	ng/ul#	94
82) Pyrene	19.704	202	2025400	29.557	ng/ul#	91
83) Butylbenzylphthalate	20.569	149	854735	30.405	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.339	252	634531	27.696	ng/ul#	97
85) Benzo(a)anthracene	21.410	228	2010299	29.495	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.333	149	1263247	29.875	ng/ul#	80
87) Chrysene	21.463	228	1921651	29.222	ng/ul	98
89) Di-n-octyl phthalate	22.286	149	2134397	31.061	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	1972249	30.266	ng/ul	99
91) Benzo(k)fluoranthene	23.186	252	1817198	30.561	ng/ul#	99
93) Benzo(a)pyrene	23.780	252	1822863	30.178	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.468	276	1799820	28.495	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.492	278	1571849	28.699	ng/ul#	96
96) Benzo(g,h,i)perylene	27.256	276	1467336	28.174	ng/ul#	92

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

