

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041122\
 Data File : BP009745.D
 Acq On : 11 Apr 2022 11:14
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020742

Quant Time: Apr 12 01:05:34 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 04/12/2022
 Supervised By :Yogesh Patel 04/13/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	84904	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	386729	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.604	164	288003	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.357	188	646931	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.433	240	729512	20.000	ng/u1	#-0.01
88) Perylene-d12	23.910	264	784356	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	14677m	7.715	ng/uL	0.00
4) Pyridine-d5	3.805	84	100089	19.082	ng/u1	0.00
7) Phenol-d5	7.122	99	139311	18.689	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	89853	20.248	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.499	132	110126	19.586	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	119717	19.239	ng/u1	0.00
21) Nitrobenzene-d5	9.128	128	56811	20.371	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.857	143	60359	19.741	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	124825	19.510	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.910	131	173644	19.055	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	437524	19.340	ng/u1	-0.01
49) Acenaphthylene-d8	14.298	160	521550	19.459	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	78899	19.230	ng/u1	0.00
60) Fluorene-d10	15.598	176	378637	19.895	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	71547	18.669	ng/u1	0.00
73) Anthracene-d10	17.451	188	610763	19.718	ng/u1	-0.01
81) Pyrene-d10	19.680	212	755550	18.963	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.745	264	795463	19.474	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	14380	7.415	ng/uL#	11
5) Pyridine	3.822	79	105836	19.339	ng/u1#	27
6) Benzaldehyde	7.105	77	100752	22.039	ng/u1	95
8) Phenol	7.152	94	143121	19.182	ng/u1#	86
10) Bis(2-Chloroethyl)ether	7.387	93	112535	19.363	ng/u1#	78
12) 2-Chlorophenol	7.534	128	109535	19.323	ng/u1	94
13) 2-Methylphenol	8.410	108	110582	19.006	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.510	45	176485	20.543	ng/u1#	84
16) Acetophenone	8.793	105	195155	19.906	ng/u1#	77
17) N-Nitroso-di-n-propyla...	8.781	70	100597	19.792	ng/u1#	68
18) 4-Methylphenol	8.734	108	123321	19.573	ng/u1	93
19) Hexachloroethane	9.063	117	48033	20.069	ng/u1	87
22) Nitrobenzene	9.169	77	149544	20.891	ng/u1#	80
23) Isophorone	9.704	82	284448	19.284	ng/u1	97
25) 2-Nitrophenol	9.887	139	68224	20.921	ng/u1#	89
26) 2,4-Dimethylphenol	9.946	107	153514	19.837	ng/u1#	82
27) Bis(2-Chloroethoxy)met...	10.187	93	165202	19.076	ng/u1#	97
29) 2,4-Dichlorophenol	10.422	162	122050	19.677	ng/u1#	85
30) Naphthalene	10.828	128	392155	19.717	ng/u1	98
32) 4-Chloroaniline	10.934	127	172721	19.153	ng/u1	97
33) Hexachlorobutadiene	11.128	225	90704	20.304	ng/u1	93
34) Caprolactam	11.693	113	41857m	20.405	ng/u1	
35) 4-Chloro-3-methylphenol	12.051	107	150273	19.994	ng/u1#	71
36) 2-Methylnaphthalene	12.434	142	288005	19.821	ng/u1	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	293918	20.033	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.804	216	173148	19.650	ng/ul	95
40) Hexachlorocyclopentadiene	12.792	237	109848	17.965	ng/ul	97
41) 2,4,6-Trichlorophenol	13.034	196	109365	19.435	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.104	196	125136	20.578	ng/ul#	86
43) 1,1'-Biphenyl	13.439	154	406922	19.364	ng/ul	92
44) 2-Chloronaphthalene	13.481	162	315784	19.550	ng/ul	93
45) 2-Nitroaniline	13.675	65	103415	21.846	ng/ul#	76
47) Dimethylphthalate	14.057	163	426136	19.571	ng/ul#	92
48) 2,6-Dinitrotoluene	14.169	165	83103	20.749	ng/ul	98
50) Acenaphthylene	14.322	152	516596	19.531	ng/ul	95
51) 3-Nitroaniline	14.492	138	86299	20.727	ng/ul#	90
52) Acenaphthene	14.669	153	339622	19.611	ng/ul	97
53) 2,4-Dinitrophenol	14.698	184	42196	17.430	ng/ul#	80
55) 4-Nitrophenol	14.792	109	80817	21.398	ng/ul#	59
56) Dibenzofuran	14.998	168	507516	19.912	ng/ul	94
57) 2,4-Dinitrotoluene	14.951	165	126597	21.526	ng/ul#	72
58) 2,3,4,6-Tetrachlorophenol	15.222	232	112057	20.210	ng/ul#	85
59) Diethylphthalate	15.422	149	445297	19.761	ng/ul#	92
61) Fluorene	15.651	166	420792	20.044	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.645	204	224481	20.110	ng/ul	94
63) 4-Nitroaniline	15.657	138	95492m	22.898	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.716	198	71808	18.850	ng/ul#	84
67) N-Nitrosodiphenylamine	15.857	169	368302	19.888	ng/ul	96
68) 4-Bromophenyl-phenylether	16.545	248	135364	19.330	ng/ul	97
69) Hexachlorobenzene	16.663	284	157083	19.508	ng/ul#	91
70) Atrazine	16.810	200	144191	18.863	ng/ul#	89
71) Pentachlorophenol	16.998	266	98052	17.990	ng/ul#	88
72) Phenanthrene	17.398	178	684136	19.812	ng/ul	98
74) Anthracene	17.486	178	694529	19.838	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.404	216	182236	19.484	ng/uL#	85
76) Pentachlorobenzene	14.922	250	180302	19.777	ng/uL	88
77) Carbazole	17.751	167	635986	20.101	ng/ul#	96
78) Di-n-butylphthalate	18.310	149	749915	19.275	ng/ul#	93
80) Fluoranthene	19.357	202	855160	18.647	ng/ul#	94
82) Pyrene	19.710	202	883979	19.012	ng/ul#	91
83) Butylbenzylphthalate	20.580	149	353110	18.512	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.345	252	324698	20.887	ng/ul#	94
85) Benzo(a)anthracene	21.416	228	908812	19.651	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.351	149	536790	18.709	ng/ul#	81
87) Chrysene	21.474	228	890908	19.966	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	919448	16.731	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	975557	18.720	ng/ul	97
91) Benzo(k)fluoranthene	23.204	252	926974	19.493	ng/ul#	97
93) Benzo(a)pyrene	23.798	252	952448	19.717	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.492	276	1104662	21.869	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.515	278	951645	21.727	ng/ul#	96
96) Benzo(g,h,i)perylene	27.286	276	928620	22.296	ng/ul	93

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

