

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041422\
 Data File : BP009823.D
 Acq On : 14 Apr 2022 12:24
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020750

Quant Time: Apr 14 21:56:53 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 04/15/2022
 Supervised By :Yogesh Patel 04/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	98472	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	436174	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.593	164	319280	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	751447	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.427	240	867609	20.000	ng/u1	# 0.00
88) Perylene-d12	23.892	264	900072	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	15826	7.173	ng/uL	0.00
4) Pyridine-d5	3.799	84	114098	18.756	ng/u1	0.00
7) Phenol-d5	7.116	99	157212	18.185	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	97736	18.990	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	122210	18.740	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	132486	18.358	ng/u1	0.00
21) Nitrobenzene-d5	9.122	128	64490	20.503	ng/u1	0.00
24) 2-Nitrophenol-d4	9.846	143	68468	19.855	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	141995	19.678	ng/u1	0.00
31) 4-Chloroaniline-d4	10.899	131	190917	18.576	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	460402	18.357	ng/u1	0.00
49) Acenaphthylene-d8	14.287	160	564817	19.009	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	84552	18.589	ng/u1	0.00
60) Fluorene-d10	15.587	176	408158	19.346	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	75692	17.003	ng/u1	0.00
73) Anthracene-d10	17.445	188	676054	18.790	ng/u1	0.00
81) Pyrene-d10	19.675	212	850917	17.958	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	905695	19.323	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	16927	7.526	ng/uL#	19
5) Pyridine	3.817	79	119910	18.892	ng/u1#	33
6) Benzaldehyde	7.093	77	109646	20.680	ng/u1	97
8) Phenol	7.146	94	157904	18.247	ng/u1#	90
10) Bis(2-Chloroethyl)ether	7.381	93	127530	18.919	ng/u1#	76
12) 2-Chlorophenol	7.522	128	123581	18.797	ng/u1	96
13) 2-Methylphenol	8.399	108	122083	18.092	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.493	45	192341	19.304	ng/u1#	84
16) Acetophenone	8.787	105	215776	18.977	ng/u1#	76
17) N-Nitroso-di-n-propyla...	8.775	70	109226	18.528	ng/u1#	71
18) 4-Methylphenol	8.728	108	136127	18.628	ng/u1	98
19) Hexachloroethane	9.052	117	53041	19.108	ng/u1	86
22) Nitrobenzene	9.163	77	167127	20.701	ng/u1#	81
23) Isophorone	9.693	82	302124	18.160	ng/u1	98
25) 2-Nitrophenol	9.875	139	74263	20.191	ng/u1#	87
26) 2,4-Dimethylphenol	9.940	107	168243	19.276	ng/u1#	81
27) Bis(2-Chloroethoxy)met...	10.175	93	182227	18.657	ng/u1#	98
29) 2,4-Dichlorophenol	10.410	162	135265	19.335	ng/u1#	81
30) Naphthalene	10.822	128	433617	19.330	ng/u1	97
32) 4-Chloroaniline	10.922	127	192142	18.892	ng/u1	97
33) Hexachlorobutadiene	11.116	225	99871	19.822	ng/u1	99
34) Caprolactam	11.687	113	43540m	18.819	ng/u1	
35) 4-Chloro-3-methylphenol	12.040	107	165902	19.571	ng/u1#	68
36) 2-Methylnaphthalene	12.428	142	318374	19.427	ng/u1	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.646	142	320957	19.396	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.793	216	190635	19.516	ng/ul	95
40) Hexachlorocyclopentadiene	12.781	237	111104	16.390	ng/ul	95
41) 2,4,6-Trichlorophenol	13.028	196	120481	19.313	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.098	196	131785	19.548	ng/ul#	88
43) 1,1'-Biphenyl	13.428	154	447163	19.195	ng/ul	94
44) 2-Chloronaphthalene	13.469	162	347684	19.416	ng/ul	94
45) 2-Nitroaniline	13.663	65	111726	21.290	ng/ul#	79
47) Dimethylphthalate	14.045	163	451475	18.703	ng/ul#	92
48) 2,6-Dinitrotoluene	14.163	165	89951	20.259	ng/ul	99
50) Acenaphthylene	14.316	152	555916	18.959	ng/ul	95
51) 3-Nitroaniline	14.487	138	94322	20.434	ng/ul#	85
52) Acenaphthene	14.657	153	362379	18.875	ng/ul	97
53) 2,4-Dinitrophenol	14.693	184	44716	16.661	ng/ul#	77
55) 4-Nitrophenol	14.787	109	82394	19.679	ng/ul#	58
56) Dibenzofuran	14.992	168	552108	19.540	ng/ul	97
57) 2,4-Dinitrotoluene	14.945	165	135436	20.773	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.216	232	118797	19.327	ng/ul#	85
59) Diethylphthalate	15.416	149	466866	18.688	ng/ul	93
61) Fluorene	15.640	166	456234	19.603	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.640	204	239711	19.371	ng/ul	97
63) 4-Nitroaniline	15.645	138	103719m	22.434	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.710	198	75652	17.097	ng/ul#	85
67) N-Nitrosodiphenylamine	15.845	169	395432	18.383	ng/ul	94
68) 4-Bromophenyl-phenylether	16.534	248	151933	18.678	ng/ul	93
69) Hexachlorobenzene	16.651	284	175486	18.762	ng/ul#	91
70) Atrazine	16.804	200	155830	17.551	ng/ul	92
71) Pentachlorophenol	16.992	266	110223	17.410	ng/ul#	86
72) Phenanthrene	17.386	178	766932	19.120	ng/ul	100
74) Anthracene	17.481	178	775946	19.080	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	200053	18.414	ng/uL#	84
76) Pentachlorobenzene	14.916	250	197230	18.625	ng/uL#	90
77) Carbazole	17.745	167	699159	19.024	ng/ul#	96
78) Di-n-butylphthalate	18.298	149	811671	17.960	ng/ul#	93
80) Fluoranthene	19.345	202	970473	17.793	ng/ul#	96
82) Pyrene	19.698	202	1006581	18.203	ng/ul#	94
83) Butylbenzylphthalate	20.575	149	391286	17.249	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.339	252	356726	19.295	ng/ul#	97
85) Benzo(a)anthracene	21.410	228	1062982	19.326	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.339	149	590180	17.296	ng/ul#	81
87) Chrysene	21.463	228	1034597	19.496	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	1027932	16.300	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	1118744	18.708	ng/ul	99
91) Benzo(k)fluoranthene	23.192	252	1061956	19.461	ng/ul#	98
93) Benzo(a)pyrene	23.786	252	1085240	19.578	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.474	276	1162167	20.049	ng/ul	96
95) Dibenzo(a,h)anthracene	26.492	278	1000919	19.914	ng/ul#	94
96) Benzo(g,h,i)perylene	27.262	276	971962	20.336	ng/ul	94

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

