

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091521\
 Data File : BP006977.D
 Acq On : 15 Sep 2021 16:13
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020695

Manual Integrations
 APPROVED

mohammad
 9/16/2021 11:43:58 AM

Quant Time: Sep 15 16:59:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 15 10:54:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	439164	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	1887004	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	1241733	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	2521208	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.380	240	2312597	20.000	ng/u1	# 0.00
88) Perylene-d12	23.804	264	2126317	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	84077	7.619	ng/uL	0.00
4) Pyridine-d5	3.769	84	552200	19.202	ng/u1	0.00
7) Phenol-d5	7.081	99	663453	20.555	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	388374	20.951	ng/u1	0.00
11) 2-Chlorophenol-d4	7.452	132	536296	20.581	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	530585	20.933	ng/u1	0.00
21) Nitrobenzene-d5	9.081	128	243561	21.309	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	255768	22.729	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	542543	20.448	ng/u1	0.00
31) 4-Chloroaniline-d4	10.857	131	746880	20.355	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	1600948	19.906	ng/u1	0.00
49) Acenaphthylene-d8	14.239	160	2033403	19.963	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	279084	19.975	ng/u1	0.00
60) Fluorene-d10	15.539	176	1379775	19.439	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	229898	20.613	ng/u1	0.00
73) Anthracene-d10	17.398	188	2084737	19.973	ng/u1	0.00
81) Pyrene-d10	19.627	212	2265544	20.918	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.645	264	2028400	19.774	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	92396	7.524	ng/uL	91
5) Pyridine	3.787	79	554043	19.206	ng/u1	87
6) Benzaldehyde	7.057	77	427987	20.809	ng/u1	91
8) Phenol	7.105	94	686461	20.574	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.346	93	552502	20.683	ng/u1	99
12) 2-Chlorophenol	7.481	128	552526	20.668	ng/u1	93
13) 2-Methylphenol	8.357	108	521467	20.580	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.452	45	662606	21.475	ng/u1	96
16) Acetophenone	8.746	105	846311	21.772	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.734	70	407637	22.507	ng/u1#	96
18) 4-Methylphenol	8.687	108	572634	21.071	ng/u1	99
19) Hexachloroethane	9.004	117	217240	19.956	ng/u1#	82
22) Nitrobenzene	9.122	77	587467m	21.240	ng/u1	
23) Isophorone	9.651	82	1158305	21.086	ng/u1#	94
25) 2-Nitrophenol	9.834	139	293772	23.357	ng/u1#	83
26) 2,4-Dimethylphenol	9.893	107	620819	20.374	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.134	93	756797	20.812	ng/u1	99
29) 2,4-Dichlorophenol	10.363	162	541495	20.607	ng/u1	95
30) Naphthalene	10.775	128	1793720	19.596	ng/u1	100
32) 4-Chloroaniline	10.881	127	767142	20.527	ng/u1	99
33) Hexachlorobutadiene	11.063	225	343706	18.961	ng/u1	96
34) Caprolactam	11.651	113	149212m	19.051	ng/u1	
35) 4-Chloro-3-methylphenol	11.998	107	552687	20.737	ng/u1	90
36) 2-Methylnaphthalene	12.381	142	1241843	20.236	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	1257956	20.094	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.745	216	679246	19.103	ng/ul#	94
40) Hexachlorocyclopentadiene	12.728	237	419042	18.260	ng/ul	100
41) 2,4,6-Trichlorophenol	12.981	196	429666	20.877	ng/ul	98
42) 2,4,5-Trichlorophenol	13.051	196	466007	20.312	ng/ul	97
43) 1,1'-Biphenyl	13.387	154	1697022	19.628	ng/ul#	97
44) 2-Chloronaphthalene	13.428	162	1292779	19.394	ng/ul	92
45) 2-Nitroaniline	13.628	65	310507	22.919	ng/ul#	80
47) Dimethylphthalate	14.004	163	1597868	19.700	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	300626	22.192	ng/ul#	77
50) Acenaphthylene	14.269	152	2104481	19.913	ng/ul	99
51) 3-Nitroaniline	14.451	138	321008	20.672	ng/ul	80
52) Acenaphthene	14.610	153	1359351	19.425	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	146798	19.290	ng/ul#	76
55) 4-Nitrophenol	14.751	109	207058	20.161	ng/ul#	83
56) Dibenzofuran	14.945	168	1960153	19.410	ng/ul	87
57) 2,4-Dinitrotoluene	14.904	165	428214	22.120	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.169	232	370872	20.062	ng/ul#	80
59) Diethylphthalate	15.369	149	1563946	19.803	ng/ul	96
61) Fluorene	15.598	166	1579826	19.628	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.592	204	809988	19.740	ng/ul#	79
63) 4-Nitroaniline	15.610	138	323967	20.897	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.669	198	240995	21.223	ng/ul#	77
67) N-Nitrosodiphenylamine	15.804	169	1361631	20.506	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	465924	19.547	ng/ul#	82
69) Hexachlorobenzene	16.598	284	531350	19.224	ng/ul#	88
70) Atrazine	16.757	200	488032	19.408	ng/ul	95
71) Pentachlorophenol	16.945	266	306035	19.331	ng/ul	99
72) Phenanthrene	17.339	178	2452314	19.526	ng/ul	99
74) Anthracene	17.433	178	2514667	20.144	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	706669	19.998	ng/uL	100
76) Pentachlorobenzene	14.869	250	682328	19.948	ng/uL	98
77) Carbazole	17.698	167	2189759	19.737	ng/ul	97
78) Di-n-butylphthalate	18.251	149	2505964	19.929	ng/ul	98
80) Fluoranthene	19.304	202	2827958	20.994	ng/ul#	93
82) Pyrene	19.657	202	2900757	20.994	ng/ul#	92
83) Butylbenzylphthalate	20.527	149	1025099	21.307	ng/ul#	89
84) 3,3'-Dichlorobenzidine	21.292	252	895275	18.657	ng/ul	99
85) Benzo(a)anthracene	21.363	228	2649702	19.679	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	1514480	21.116	ng/ul#	94
87) Chrysene	21.416	228	2592748	19.459	ng/ul	99
89) Di-n-octyl phthalate	22.221	149	2361558	21.490	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	2602915	20.921	ng/ul	98
91) Benzo(k)fluoranthene	23.110	252	2346170	20.146	ng/ul	97
93) Benzo(a)pyrene	23.692	252	2404834	20.089	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.339	276	2460172	17.716	ng/ul	97
95) Dibenzo(a,h)anthracene	26.356	278	2137173	17.788	ng/ul	97
96) Benzo(g,h,i)perylene	27.115	276	2017880	16.943	ng/ul	97

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

