

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092723\
 Data File : BP017390.D
 Acq On : 27 Sep 2023 10:53
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020755

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/28/2023
 Supervised By :mohammad ahmed 09/29/2023

Quant Time: Sep 27 22:34:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 26 04:52:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	191219	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.740	136	811142	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	501569	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	1076598	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	1016939	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	1096680	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	36728	7.889	ng/uL	0.00
4) Pyridine-d5	3.722	84	261610	20.101	ng/u1	0.00
7) Phenol-d5	7.075	99	321920	20.498	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	204853	21.614	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	263609	21.163	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	259485	21.252	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	124025	21.150	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.834	143	137325	21.567	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	264549	21.991	ng/u1	0.00
31) 4-Chloroaniline-d4	10.904	131	368296	21.135	ng/u1	-0.01
46) Dimethylphthalate-d6	13.998	166	763995	21.263	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	880576	21.309	ng/u1	0.00
54) 4-Nitrophenol-d4	14.810	143	101910	16.280	ng/u1	0.00
60) Fluorene-d10	15.575	176	659683	21.326	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	104618	17.241	ng/u1	0.00
73) Anthracene-d10	17.451	188	1008535	21.122	ng/u1	0.00
81) Pyrene-d10	19.698	212	1188069	21.604	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.804	264	1121746	21.244	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	37157	7.794	ng/uL	97
5) Pyridine	3.746	79	271253	20.076	ng/u1	98
6) Benzaldehyde	7.081	77	200431	25.009	ng/u1	97
8) Phenol	7.105	94	325055	20.579	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.358	93	271461	21.261	ng/u1	96
12) 2-Chlorophenol	7.475	128	264709	20.927	ng/u1	99
13) 2-Methylphenol	8.363	108	243621	20.843	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.428	45	358656m	22.210	ng/u1	
16) Acetophenone	8.769	105	415146	22.003	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.734	70	211165	22.426	ng/u1	95
18) 4-Methylphenol	8.699	108	265619	21.210	ng/u1	99
19) Hexachloroethane	8.981	117	109164	20.789	ng/u1	99
22) Nitrobenzene	9.163	77	324561	21.812	ng/u1	96
23) Isophorone	9.669	82	574517	21.547	ng/u1	98
25) 2-Nitrophenol	9.863	139	149614	21.684	ng/u1	99
26) 2,4-Dimethylphenol	9.904	107	295818	21.518	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.157	93	369830	21.486	ng/u1	98
29) 2,4-Dichlorophenol	10.381	162	261212	22.023	ng/u1	99
30) Naphthalene	10.793	128	889064	21.050	ng/u1	100
32) 4-Chloroaniline	10.928	127	355426	21.284	ng/u1	100
33) Hexachlorobutadiene	11.016	225	182103	22.061	ng/u1	98
34) Caprolactam	11.751	113	67469	19.687	ng/u1	97
35) 4-Chloro-3-methylphenol	12.034	107	263927	22.138	ng/u1	99
36) 2-Methylnaphthalene	12.398	142	600517	21.785	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	616912	21.893	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.751	216	340967	21.183	ng/ul	99
40) Hexachlorocyclopentadiene	12.698	237	147769	16.222	ng/ul	93
41) 2,4,6-Trichlorophenol	13.010	196	210435	21.553	ng/ul	98
42) 2,4,5-Trichlorophenol	13.081	196	220940	21.599	ng/ul	99
43) 1,1'-Biphenyl	13.410	154	799760	21.016	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	628277	20.825	ng/ul	99
45) 2-Nitroaniline	13.698	65	160217	21.618	ng/ul	97
47) Dimethylphthalate	14.045	163	775273	21.420	ng/ul	99
48) 2,6-Dinitrotoluene	14.192	165	141538	22.514	ng/ul	97
50) Acenaphthylene	14.310	152	1023262	21.176	ng/ul	100
51) 3-Nitroaniline	14.534	138	141425	20.904	ng/ul	96
52) Acenaphthene	14.645	153	666396	20.881	ng/ul	99
53) 2,4-Dinitrophenol	14.734	184	55972	14.233	ng/ul	92
55) 4-Nitrophenol	14.822	109	87898	17.974	ng/ul	94
56) Dibenzofuran	14.981	168	932327	21.333	ng/ul	100
57) 2,4-Dinitrotoluene	14.975	165	206535	22.304	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.198	232	187605	21.614	ng/ul	96
59) Diethylphthalate	15.398	149	750805	21.457	ng/ul	99
61) Fluorene	15.634	166	759832	21.398	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.628	204	396815	22.050	ng/ul	98
63) 4-Nitroaniline	15.698	138	129773	21.492	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.728	198	111844	17.086	ng/ul	97
67) N-Nitrosodiphenylamine	15.851	169	618749	20.894	ng/ul	99
68) 4-Bromophenyl-phenylether	16.528	248	235200	21.746	ng/ul	98
69) Hexachlorobenzene	16.610	284	275411	21.944	ng/ul	96
70) Atrazine	16.810	200	220368	20.771	ng/ul	99
71) Pentachlorophenol	16.981	266	148610	19.169	ng/ul	97
72) Phenanthrene	17.398	178	1181982	20.961	ng/ul	99
74) Anthracene	17.486	178	1221890	21.381	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.363	216	343222	20.772	ng/uL	98
76) Pentachlorobenzene	14.875	250	334121	21.406	ng/uL	98
77) Carbazole	17.781	167	1044434	20.547	ng/ul	99
78) Di-n-butylphthalate	18.286	149	1237119	22.133	ng/ul	100
80) Fluoranthene	19.369	202	1388312	21.647	ng/ul	99
82) Pyrene	19.727	202	1462649	21.453	ng/ul	99
83) Butylbenzylphthalate	20.586	149	538324	22.268	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.380	252	421224	19.065	ng/ul	100
85) Benzo(a)anthracene	21.439	228	1455523	21.207	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.322	149	786915	22.540	ng/ul	100
87) Chrysene	21.498	228	1366041	21.149	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	1338784	22.193	ng/ul	100
90) Benzo(b)fluoranthene	23.192	252	1397870	21.619	ng/ul	99
91) Benzo(k)fluoranthene	23.245	252	1399546	21.454	ng/ul	99
93) Benzo(a)pyrene	23.857	252	1312855	21.222	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.633	276	1533469	19.776	ng/ul	100
95) Dibenzo(a,h)anthracene	26.651	278	1268091	19.634	ng/ul	98
96) Benzo(g,h,i)perylene	27.462	276	1231643	19.696	ng/ul	99

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

