

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
 Data File : BP014220.D
 Acq On : 22 Mar 2023 15:14
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020785

Quant Time: Mar 23 00:59:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 22 03:05:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/23/2023
 Supervised By :mohammad ahmed 03/24/2023

03/23/2023
 Supervised By :mohammad
 ahmed

03/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	216366	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	956849	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.686	164	653677	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	1520637	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.527	240	1443689	20.000	ng/u1	0.00
88) Perylene-d12	24.045	264	1300506	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	41496m	7.246	ng/uL	0.00
4) Pyridine-d5	3.846	84	302722	19.093	ng/u1	0.00
7) Phenol-d5	7.210	99	407015	21.317	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	248468	22.313	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	303884	20.890	ng/u1	0.00
15) 4-Methylphenol-d8	8.763	113	333810	21.403	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	155269	20.337	ng/u1	0.00
24) 2-Nitrophenol-d4	9.951	143	182295	19.947	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	333434	19.390	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	446081	19.602	ng/u1	0.00
46) Dimethylphthalate-d6	14.092	166	1044580	18.829	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	1181685	20.108	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	177204	18.126	ng/u1	0.00
60) Fluorene-d10	15.681	176	894237	19.020	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	195043	16.971	ng/u1	0.00
73) Anthracene-d10	17.545	188	1452628	19.678	ng/u1	0.00
81) Pyrene-d10	19.769	212	1760660	22.112	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.880	264	1383108	19.994	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	45845	7.416	ng/uL	93
5) Pyridine	3.864	79	316776	19.701	ng/u1	93
6) Benzaldehyde	7.187	77	239042	25.161	ng/u1	100
8) Phenol	7.234	94	417922	21.224	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.469	93	327979	21.741	ng/u1	98
12) 2-Chlorophenol	7.610	128	310916	21.213	ng/u1	96
13) 2-Methylphenol	8.499	108	313517	21.413	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.581	45	413671	25.392	ng/u1	97
16) Acetophenone	8.881	105	534019	21.195	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.863	70	286487	22.226	ng/u1	97
18) 4-Methylphenol	8.828	108	348575	21.644	ng/u1	99
19) Hexachloroethane	9.134	117	135695	21.139	ng/u1	96
22) Nitrobenzene	9.269	77	430207	21.065	ng/u1	98
23) Isophorone	9.793	82	798558	20.304	ng/u1	98
25) 2-Nitrophenol	9.981	139	190456	20.220	ng/u1	95
26) 2,4-Dimethylphenol	10.040	107	412309	19.999	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.275	93	468705	20.603	ng/u1	100
29) 2,4-Dichlorophenol	10.522	162	326814	19.267	ng/u1	96
30) Naphthalene	10.922	128	1054560	20.070	ng/u1	99
32) 4-Chloroaniline	11.040	127	448828	19.600	ng/u1	100
33) Hexachlorobutadiene	11.198	225	241301	17.877	ng/u1	98
34) Caprolactam	11.828	113	105524m	19.159	ng/u1	
35) 4-Chloro-3-methylphenol	12.157	107	397688	20.275	ng/u1	96
36) 2-Methylnaphthalene	12.522	142	722931	19.616	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.740	142	719669	19.428	ng/u1	99	03/24/2023
39) 1,2,4,5-Tetrachloroben...	12.887	216	443978	18.782	ng/u1	98	
40) Hexachlorocyclopentadiene	12.857	237	233625	13.802	ng/u1	96	
41) 2,4,6-Trichlorophenol	13.128	196	288206	19.409	ng/u1	100	
42) 2,4,5-Trichlorophenol	13.204	196	318312	19.533	ng/u1	99	
43) 1,1'-Biphenyl	13.522	154	1003381	19.938	ng/u1	99	
44) 2-Chloronaphthalene	13.569	162	806063	20.167	ng/u1	98	
45) 2-Nitroaniline	13.781	65	263971	22.330	ng/u1	95	
47) Dimethylphthalate	14.139	163	1046743	19.062	ng/u1	100	
48) 2,6-Dinitrotoluene	14.269	165	217370	20.023	ng/u1	98	
50) Acenaphthylene	14.416	152	1252433	20.307	ng/u1	99	
51) 3-Nitroaniline	14.604	138	206876	21.522	ng/u1	93	
52) Acenaphthene	14.751	153	868523	20.144	ng/u1	100	
53) 2,4-Dinitrophenol	14.810	184	116122	14.323	ng/u1	96	
55) 4-Nitrophenol	14.916	109	165006	15.625	ng/u1	87	
56) Dibenzofuran	15.086	168	1218400	19.425	ng/u1	100	
57) 2,4-Dinitrotoluene	15.057	165	319669	19.708	ng/u1	92	
58) 2,3,4,6-Tetrachlorophenol	15.316	232	292408	18.755	ng/u1	98	
59) Diethylphthalate	15.498	149	1073871	19.281	ng/u1	99	
61) Fluorene	15.739	166	1016996	19.560	ng/u1	99	
62) 4-Chlorophenyl-phenyle...	15.728	204	536540	18.697	ng/u1	99	
63) 4-Nitroaniline	15.769	138	221084	22.376	ng/u1	93	
66) 4,6-Dinitro-2-methylph...	15.822	198	192972	17.599	ng/u1	99	
67) N-Nitrosodiphenylamine	15.945	169	869567	20.247	ng/u1	99	
68) 4-Bromophenyl-phenylether	16.628	248	346094	18.827	ng/u1	99	
69) Hexachlorobenzene	16.745	284	400631	18.494	ng/u1	98	
70) Atrazine	16.898	200	352150	19.011	ng/u1	98	
71) Pentachlorophenol	17.092	266	234055	16.529	ng/u1	98	
72) Phenanthrene	17.486	178	1647756	19.867	ng/u1	99	
74) Anthracene	17.580	178	1694302	20.147	ng/u1	100	
75) 1,2,3,4-Tetrachloroben...	13.492	216	454800	19.488	ng/uL	98	
76) Pentachlorobenzene	15.004	250	462438	19.076	ng/uL	99	
77) Carbazole	17.851	167	1501333	20.240	ng/u1	99	
78) Di-n-butylphthalate	18.375	149	1931157	20.831	ng/u1	100	
80) Fluoranthene	19.445	202	2045404	22.537	ng/u1#	96	
82) Pyrene	19.798	202	2097465	22.154	ng/u1#	95	
83) Butylbenzylphthalate	20.651	149	918828	24.069	ng/u1	98	
84) 3,3'-Dichlorobenzidine	21.433	252	623717	16.876	ng/u1	99	
85) Benzo(a)anthracene	21.510	228	2035746	20.048	ng/u1	99	
86) Bis(2-ethylhexyl)phtha...	21.404	149	1364702	23.911	ng/u1	100	
87) Chrysene	21.563	228	1902632	19.661	ng/u1	100	
89) Di-n-octyl phthalate	22.363	149	2304228	28.080	ng/u1	100	
90) Benzo(b)fluoranthene	23.268	252	1796526	20.731	ng/u1	98	
91) Benzo(k)fluoranthene	23.321	252	1772666	21.452	ng/u1	99	
93) Benzo(a)pyrene	23.933	252	1502576	19.935	ng/u1	99	
94) Indeno(1,2,3-cd)pyrene	26.692	276	1745805	17.496	ng/u1	97	
95) Dibenzo(a,h)anthracene	26.709	278	1459348	17.597	ng/u1	99	
96) Benzo(g,h,i)perylene	27.509	276	1382362	17.333	ng/u1	97	

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

