

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016182.D
 Acq On : 11 Jul 2023 07:05
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020656

Quant Time: Jul 11 07:44:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 11 07:41:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.011	152	210883	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	990877	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.657	164	638117	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.422	188	1410477	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.528	240	1250458	20.000	ng/u1	#-0.02
88) Perylene-d12	24.074	264	1234517	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	44947	7.668	ng/uL	0.00
4) Pyridine-d5	3.793	84	259410	17.557	ng/u1	0.00
7) Phenol-d5	7.199	99	347831	19.277	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	238509	21.366	ng/u1	0.00
11) 2-Chlorophenol-d4	7.546	132	271732	19.950	ng/u1	0.00
15) 4-Methylphenol-d8	8.758	113	270092	18.948	ng/u1	0.00
21) Nitrobenzene-d5	9.205	128	134725	17.791	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	153074	17.320	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.505	165	278885	17.707	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	400644	19.803	ng/u1	0.00
46) Dimethylphthalate-d6	14.069	166	934983	18.957	ng/u1	-0.01
49) Acenaphthylene-d8	14.351	160	1073880	19.369	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.981	143	134493	20.664	ng/u1	-0.01
60) Fluorene-d10	15.657	176	796180	19.605	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.851	200	112545	12.975	ng/u1	-0.01
73) Anthracene-d10	17.528	188	1242856	19.291	ng/u1	-0.01
81) Pyrene-d10	19.763	212	1419526	17.385	ng/u1	-0.02
92) Benzo(a)pyrene-d12	23.898	264	1163617	18.685	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	49528	7.852	ng/uL	97
5) Pyridine	3.811	79	284821	18.427	ng/u1	98
6) Benzaldehyde	7.193	77	69279	9.497	ng/u1	98
8) Phenol	7.228	94	379577	20.272	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.434	93	311310	20.897	ng/u1	98
12) 2-Chlorophenol	7.575	128	285798	19.750	ng/u1	95
13) 2-Methylphenol	8.481	108	295417	20.897	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.540	45	510976m	25.112	ng/u1	
16) Acetophenone	8.863	105	497683	21.240	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.828	70	275840	21.196	ng/u1	99
18) 4-Methylphenol	8.828	108	319689	21.047	ng/u1	97
19) Hexachloroethane	9.069	117	132696	19.855	ng/u1	90
22) Nitrobenzene	9.246	77	392147	18.440	ng/u1	99
23) Isophorone	9.763	82	782337	19.224	ng/u1	98
25) 2-Nitrophenol	9.969	139	169891	18.112	ng/u1	96
26) 2,4-Dimethylphenol	10.028	107	371997	18.041	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.252	93	458963	19.978	ng/u1	99
29) 2,4-Dichlorophenol	10.534	162	286354	18.288	ng/u1	100
30) Naphthalene	10.875	128	1052232	19.534	ng/u1	99
32) 4-Chloroaniline	11.040	127	432202	20.561	ng/u1	97
33) Hexachlorobutadiene	11.134	225	193655	16.377	ng/u1	99
34) Caprolactam	11.846	113	93317m	19.483	ng/u1	
35) 4-Chloro-3-methylphenol	12.169	107	336179	18.342	ng/u1	100
36) 2-Methylnaphthalene	12.499	142	691643	19.505	ng/u1	98

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37) 1-Methylnaphthalene	12.710	142	709755	19.621	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.869	216	374997	17.833	ng/ul	99
40) Hexachlorocyclopentadiene	12.804	237	72367	11.504	ng/ul	99
41) 2,4,6-Trichlorophenol	13.128	196	229230	17.249	ng/ul	99
42) 2,4,5-Trichlorophenol	13.234	196	247989	17.593	ng/ul	98
43) 1,1'-Biphenyl	13.493	154	954168	18.878	ng/ul	97
44) 2-Chloronaphthalene	13.546	162	747669	18.778	ng/ul	98
45) 2-Nitroaniline	13.799	65	235772	18.819	ng/ul	96
47) Dimethylphthalate	14.122	163	972408	19.051	ng/ul	99
48) 2,6-Dinitrotoluene	14.281	165	188470	18.203	ng/ul	99
50) Acenaphthylene	14.381	152	1183728	19.376	ng/ul	99
51) 3-Nitroaniline	14.651	138	106533m	13.121	ng/ul	
52) Acenaphthene	14.722	153	841009	19.852	ng/ul	98
53) 2,4-Dinitrophenol	14.904	184	51003	9.285	ng/ul	94
55) 4-Nitrophenol	14.993	109	104284m	15.461	ng/ul	
56) Dibenzofuran	15.069	168	1156367	19.663	ng/ul	99
57) 2,4-Dinitrotoluene	15.098	165	269314	19.087	ng/ul	85
58) 2,3,4,6-Tetrachlorophenol	15.316	232	220329	18.198	ng/ul	98
59) Diethylphthalate	15.475	149	1009738	19.548	ng/ul	99
61) Fluorene	15.716	166	945335	19.818	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.698	204	452745	18.549	ng/ul	95
63) 4-Nitroaniline	15.845	138	64150m	11.544	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.869	198	119663	13.634	ng/ul#	91
67) N-Nitrosodiphenylamine	15.928	169	773248	18.313	ng/ul	99
68) 4-Bromophenyl-phenylether	16.598	248	275636	17.113	ng/ul	95
69) Hexachlorobenzene	16.728	284	327257	17.220	ng/ul	98
70) Atrazine	16.887	200	277481	17.167	ng/ul	97
71) Pentachlorophenol	17.110	266	122766	13.459	ng/ul	98
72) Phenanthrene	17.469	178	1491715	19.468	ng/ul	100
74) Anthracene	17.569	178	1507937	19.585	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.463	216	384707	16.762	ng/uL	99
76) Pentachlorobenzene	14.987	250	389728	16.825	ng/uL	99
77) Carbazole	17.869	167	1298069	20.003	ng/ul	98
78) Di-n-butylphthalate	18.357	149	1758631	20.441	ng/ul	99
80) Fluoranthene	19.439	202	1719577	16.945	ng/ul#	92
82) Pyrene	19.798	202	1808115	17.467	ng/ul#	91
83) Butylbenzylphthalate	20.633	149	801697	18.984	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.451	252	429448	15.192	ng/ul	98
85) Benzo(a)anthracene	21.510	228	1611543	18.321	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.375	149	1186291	20.440	ng/ul#	99
87) Chrysene	21.569	228	1648449	19.752	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	1965807	21.789	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	1493476	18.828	ng/ul	98
91) Benzo(k)fluoranthene	23.327	252	1603974	20.013	ng/ul#	96
93) Benzo(a)pyrene	23.951	252	1322826	19.085	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.757	276	1413768	15.025	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.763	278	1155982	14.957	ng/ul#	94
96) Benzo(g,h,i)perylene	27.610	276	1112714m	14.375	ng/ul	

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

