

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072022\
 Data File : BP011057.D
 Acq On : 20 Jul 2022 15:38
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020708

Quant Time: Jul 21 00:43:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 19 03:25:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/21/2022
 Supervised By :mohammad ahmed 07/21/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	498762	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2093338	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.339	164	1188528	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	2353808	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.233	240	2215547	20.000	ng/u1	# 0.00
88) Perylene-d12	23.586	264	2290994	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	108684	7.856	ng/uL	0.00
4) Pyridine-d5	3.587	84	684062	19.129	ng/u1	0.00
7) Phenol-d5	6.852	99	788316	19.255	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	529032	20.095	ng/u1	0.00
11) 2-Chlorophenol-d4	7.210	132	658301	19.899	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	630338	19.232	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	310355	20.344	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	296431	19.638	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	547064	19.817	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	886732	19.484	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	1605595	19.766	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1936737	20.207	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	297856	18.117	ng/u1	0.00
60) Fluorene-d10	15.339	176	1349891	19.550	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	206343	17.716	ng/u1	0.00
73) Anthracene-d10	17.204	188	2008327	20.070	ng/u1	0.00
81) Pyrene-d10	19.463	212	2278089	19.578	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.433	264	2172142	19.741	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.216	88	111258	7.664	ng/uL#	82
5) Pyridine	3.611	79	724760	19.667	ng/u1#	75
6) Benzaldehyde	6.822	77	326943	16.440	ng/u1	97
8) Phenol	6.881	94	848837	19.505	ng/u1#	86
10) Bis(2-Chloroethyl)ether	7.110	93	683902	19.801	ng/u1	92
12) 2-Chlorophenol	7.240	128	688112	20.122	ng/u1	94
13) 2-Methylphenol	8.128	108	621320	19.306	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.216	45	975608	20.652	ng/u1#	97
16) Acetophenone	8.504	105	986508	19.882	ng/u1#	89
17) N-Nitroso-di-n-propyla...	8.493	70	504629	20.270	ng/u1	92
18) 4-Methylphenol	8.457	108	672145	19.561	ng/u1	98
19) Hexachloroethane	8.746	117	279772	20.674	ng/u1#	78
22) Nitrobenzene	8.881	77	734667	20.478	ng/u1	92
23) Isophorone	9.410	82	1352206	20.139	ng/u1	99
25) 2-Nitrophenol	9.587	139	339602	20.043	ng/u1#	85
26) 2,4-Dimethylphenol	9.657	107	728375	20.328	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.893	93	879258	19.788	ng/u1	98
29) 2,4-Dichlorophenol	10.116	162	567534	19.863	ng/u1	99
30) Naphthalene	10.516	128	2111119	19.790	ng/u1	99
32) 4-Chloroaniline	10.640	127	882992	19.615	ng/u1	99
33) Hexachlorobutadiene	10.804	225	329653	19.820	ng/u1	96
34) Caprolactam	11.434	113	254827	25.448	ng/u1	96
35) 4-Chloro-3-methylphenol	11.775	107	643621	19.932	ng/u1	97
36) 2-Methylnaphthalene	12.140	142	1367569	19.775	ng/u1	98

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37) 1-Methylnaphthalene	12.363	142	1377322	19.869	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.510	216	609717	19.451	ng/ul#	98
40) Hexachlorocyclopentadiene	12.487	237	381945	19.672	ng/ul	96
41) 2,4,6-Trichlorophenol	12.757	196	395572	19.162	ng/ul	97
42) 2,4,5-Trichlorophenol	12.828	196	433956	19.670	ng/ul	99
43) 1,1'-Biphenyl	13.163	154	1754039	19.779	ng/ul#	97
44) 2-Chloronaphthalene	13.204	162	1314203	19.730	ng/ul	97
45) 2-Nitroaniline	13.422	65	397392m	20.477	ng/ul	
47) Dimethylphthalate	13.804	163	1595830	19.469	ng/ul	98
48) 2,6-Dinitrotoluene	13.922	165	310535	20.926	ng/ul	98
50) Acenaphthylene	14.057	152	2155435	20.042	ng/ul	99
51) 3-Nitroaniline	14.257	138	286517	16.070	ng/ul	92
52) Acenaphthene	14.404	153	1405966	19.734	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	159883	18.416	ng/ul	90
55) 4-Nitrophenol	14.569	109	256437	20.373	ng/ul#	78
56) Dibenzofuran	14.739	168	1927809	19.610	ng/ul	99
57) 2,4-Dinitrotoluene	14.716	165	443284	20.942	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.969	232	333179	19.284	ng/ul#	87
59) Diethylphthalate	15.181	149	1660780	19.730	ng/ul	97
61) Fluorene	15.392	166	1552753	19.682	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.392	204	708076	19.495	ng/ul	93
63) 4-Nitroaniline	15.428	138	274439	16.749	ng/ul#	75
66) 4,6-Dinitro-2-methylph...	15.475	198	216893	18.152	ng/ul	95
67) N-Nitrosodiphenylamine	15.610	169	1332342	19.815	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	419551	19.763	ng/ul	97
69) Hexachlorobenzene	16.398	284	479673	19.468	ng/ul#	91
70) Atrazine	16.580	200	454775	19.552	ng/ul	98
71) Pentachlorophenol	16.751	266	300068	19.775	ng/ul	96
72) Phenanthrene	17.145	178	2419134	19.727	ng/ul	99
74) Anthracene	17.239	178	2447396	20.063	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.128	216	641673	19.043	ng/uL	98
76) Pentachlorobenzene	14.657	250	576917	19.531	ng/uL	99
77) Carbazole	17.522	167	2289306	20.052	ng/ul	100
78) Di-n-butylphthalate	18.086	149	2858302	20.028	ng/ul	99
80) Fluoranthene	19.133	202	2771579	20.365	ng/ul#	86
82) Pyrene	19.492	202	2820439	20.087	ng/ul#	82
83) Butylbenzylphthalate	20.386	149	1293884	20.656	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.157	252	703313	17.928	ng/ul#	97
85) Benzo(a)anthracene	21.216	228	2692984	19.959	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.157	149	1954641	20.914	ng/ul#	96
87) Chrysene	21.268	228	2582873	19.495	ng/ul	99
89) Di-n-octyl phthalate	22.068	149	3261113	21.225	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	2805775	19.835	ng/ul#	95
91) Benzo(k)fluoranthene	22.915	252	2595083	19.530	ng/ul#	93
93) Benzo(a)pyrene	23.480	252	2684759	19.762	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.021	276	3108916	19.692	ng/ul#	88
95) Dibenzo(a,h)anthracene	26.045	278	2693167	19.714	ng/ul#	90
96) Benzo(g,h,i)perylene	26.768	276	2654801	19.744	ng/ul#	86

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

