

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
 Data File : BP021138.D
 Acq On : 25 Jul 2024 00:33
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020704

Quant Time: Jul 25 01:05:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	233887	20.000	ng/u1	0.00
20) Naphthalene-d8	10.428	136	890793	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	530264	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.116	188	1077256	20.000	ng/u1	0.01
79) Chrysene-d12	21.557	240	1042771	20.000	ng/u1	0.00
88) Perylene-d12	24.851	264	1376974	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	42268	8.224	ng/uL	0.00
4) Pyridine-d5	3.599	84	280383	18.843	ng/u1	0.00
7) Phenol-d5	6.869	99	348290	18.266	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	207747	17.978	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	295503	18.809	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	277844	17.544	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	138420	20.006	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	157795	19.926	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	273900	19.128	ng/u1	0.00
31) 4-Chloroaniline-d4	10.575	131	354415	18.683	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	724355	18.791	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	857298	19.807	ng/u1	0.01
54) 4-Nitrophenol-d4	14.592	143	132234m	24.111	ng/u1	0.00
60) Fluorene-d10	15.316	176	610839	19.316	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.481	200	120030	18.415	ng/u1	0.01
73) Anthracene-d10	17.216	188	941393	19.675	ng/u1	0.01
81) Pyrene-d10	19.592	212	1091648	16.933	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.633	264	1294019	19.054	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.217	88	44542	7.880	ng/uL	98
5) Pyridine	3.617	79	297346	19.374	ng/u1	99
6) Benzaldehyde	6.822	77	218465	22.726	ng/u1	99
8) Phenol	6.893	94	344381	17.848	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.093	93	284010	17.818	ng/u1	99
12) 2-Chlorophenol	7.234	128	297644	18.903	ng/u1	98
13) 2-Methylphenol	8.116	108	265649	17.802	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.169	45	397905	17.279	ng/u1	97
16) Acetophenone	8.475	105	427004	17.469	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.452	70	206678	16.138	ng/u1	98
18) 4-Methylphenol	8.446	108	278351	17.412	ng/u1	98
19) Hexachloroethane	8.699	117	128549	18.167	ng/u1	95
22) Nitrobenzene	8.852	77	329916	19.905	ng/u1	99
23) Isophorone	9.375	82	575004	17.451	ng/u1	99
25) 2-Nitrophenol	9.552	139	162750	19.705	ng/u1	96
26) 2,4-Dimethylphenol	9.628	107	306432	18.815	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.840	93	355811	17.765	ng/u1	99
29) 2,4-Dichlorophenol	10.104	162	270394	19.160	ng/u1	98
30) Naphthalene	10.475	128	894248	19.085	ng/u1	99
32) 4-Chloroaniline	10.599	127	336354	18.568	ng/u1	99
33) Hexachlorobutadiene	10.740	225	202430	19.130	ng/u1	98
34) Caprolactam	11.422	113	79572	18.303	ng/u1	91
35) 4-Chloro-3-methylphenol	11.751	107	275444	17.956	ng/u1	99
36) 2-Methylnaphthalene	12.093	142	581185	18.069	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	603360	18.239	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.463	216	345096	20.039	ng/ul	98
40) Hexachlorocyclopentadiene	12.422	237	174523	19.373	ng/ul	99
41) 2,4,6-Trichlorophenol	12.728	196	211213	19.410	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	223981	19.455	ng/ul	99
43) 1,1'-Biphenyl	13.116	154	740125	19.099	ng/ul	98
44) 2-Chloronaphthalene	13.157	162	608884	19.682	ng/ul	99
45) 2-Nitroaniline	13.398	65	170424	19.920	ng/ul	97
47) Dimethylphthalate	13.751	163	730478	18.676	ng/ul	100
48) 2,6-Dinitrotoluene	13.898	165	151850	19.419	ng/ul	98
50) Acenaphthylene	14.022	152	953800	19.463	ng/ul	100
51) 3-Nitroaniline	14.240	138	150829	22.165	ng/ul	98
52) Acenaphthene	14.363	153	636483	19.568	ng/ul	99
53) 2,4-Dinitrophenol	14.487	184	95467m	23.247	ng/ul	
55) 4-Nitrophenol	14.610	109	93091	20.866	ng/ul	84
56) Dibenzofuran	14.704	168	868055	19.488	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	217363	20.249	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.957	232	179105	18.167	ng/ul	98
59) Diethylphthalate	15.151	149	705720	18.054	ng/ul	99
61) Fluorene	15.369	166	700674	19.277	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.363	204	369778	18.748	ng/ul	97
63) 4-Nitroaniline	15.422	138	138345m	24.550	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.498	198	126718	18.333	ng/ul	99
67) N-Nitrosodiphenylamine	15.598	169	581420	18.534	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	232372	18.403	ng/ul	99
69) Hexachlorobenzene	16.392	284	278924	19.266	ng/ul	99
70) Atrazine	16.581	200	219040	19.159	ng/ul	99
71) Pentachlorophenol	16.769	266	145102	18.453	ng/ul	97
72) Phenanthrene	17.157	178	1070494	19.156	ng/ul	100
74) Anthracene	17.251	178	1097389	19.262	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.081	216	334756	19.415	ng/ul	99
76) Pentachlorobenzene	14.622	250	327191	19.097	ng/ul	99
77) Carbazole	17.551	167	964348	20.706	ng/ul	100
78) Di-n-butylphthalate	18.116	149	1162992	18.100	ng/ul	100
80) Fluoranthene	19.251	202	1302529	16.730	ng/ul	99
82) Pyrene	19.627	202	1334916	16.850	ng/ul	99
83) Butylbenzylphthalate	20.569	149	518456	15.707	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	481399	20.203	ng/ul	100
85) Benzo(a)anthracene	21.533	228	1392033	19.057	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	726049	15.284	ng/ul	99
87) Chrysene	21.604	228	1297858	19.121	ng/ul	100
89) Di-n-octyl phthalate	22.704	149	1275329	14.020	ng/ul	100
90) Benzo(b)fluoranthene	23.810	252	1523471	18.232	ng/ul	98
91) Benzo(k)fluoranthene	23.874	252	1500887	17.998	ng/ul	99
93) Benzo(a)pyrene	24.710	252	1475598	18.687	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.627	276	1993885	19.595	ng/ul	99
95) Dibenzo(a,h)anthracene	28.692	278	1639677	19.460	ng/ul	99
96) Benzo(g,h,i)perylene	29.792	276	1617592	19.520	ng/ul	96

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

