

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090723\
 Data File : BP016977.D
 Acq On : 07 Sep 2023 08:54
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020720

Quant Time: Sep 08 00:44:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 06 01:52:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/08/2023
 Supervised By :mohammad ahmed 09/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	325649	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	1444259	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	894681	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.410	188	1887977	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	1482627	20.000	ng/u1	0.00
88) Perylene-d12	24.051	264	1332807	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	73287	8.513	ng/uL	0.00
4) Pyridine-d5	3.764	84	516472	20.995	ng/u1	0.00
7) Phenol-d5	7.122	99	631130	21.214	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.316	67	409675	22.014	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	463398	21.521	ng/u1	0.00
15) 4-Methylphenol-d8	8.687	113	489624	21.602	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	236734	21.128	ng/u1	0.00
24) 2-Nitrophenol-d4	9.893	143	254626	20.964	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	466951	20.824	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	678989	20.988	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	1406630	21.121	ng/u1	0.00
49) Acenaphthylene-d8	14.339	160	1643947	21.389	ng/u1	0.00
54) 4-Nitrophenol-d4	14.851	143	259818	19.972	ng/u1	0.00
60) Fluorene-d10	15.634	176	1211745	21.251	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	201209	17.709	ng/u1	0.00
73) Anthracene-d10	17.510	188	1833424	21.146	ng/u1	0.00
81) Pyrene-d10	19.745	212	1932919	21.404	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.886	264	1387266	20.517	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	78772	8.474	ng/uL	99
5) Pyridine	3.781	79	543777	20.765	ng/u1	99
6) Benzaldehyde	7.134	77	362358	26.873	ng/u1	98
8) Phenol	7.152	94	658076	21.290	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.410	93	539799	21.899	ng/u1	99
12) 2-Chlorophenol	7.528	128	496921	21.662	ng/u1	99
13) 2-Methylphenol	8.416	108	482592	21.284	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.510	45	791401m	22.803	ng/u1	
16) Acetophenone	8.828	105	823216	22.507	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.799	70	441742	22.609	ng/u1	99
18) 4-Methylphenol	8.752	108	533077	21.558	ng/u1	100
19) Hexachloroethane	9.046	117	203061	21.368	ng/u1	94
22) Nitrobenzene	9.222	77	639019	21.359	ng/u1	100
23) Isophorone	9.734	82	1204829	21.435	ng/u1	98
25) 2-Nitrophenol	9.922	139	284731	21.292	ng/u1	98
26) 2,4-Dimethylphenol	9.963	107	578287	21.179	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.222	93	750961	21.558	ng/u1	100
29) 2,4-Dichlorophenol	10.446	162	480982	21.047	ng/u1	99
30) Naphthalene	10.857	128	1663099	21.103	ng/u1	100
32) 4-Chloroaniline	10.993	127	711125	21.121	ng/u1	99
33) Hexachlorobutadiene	11.087	225	272787	19.971	ng/u1	99
34) Caprolactam	11.810	113	156280	20.649	ng/u1	96
35) 4-Chloro-3-methylphenol	12.087	107	539658	21.549	ng/u1	99
36) 2-Methylnaphthalene	12.463	142	1113627	21.383	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.681	142	1122195	21.402	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.810	216	539087	20.451	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	294987	17.271	ng/ul	98
41) 2,4,6-Trichlorophenol	13.063	196	372579	20.767	ng/ul	100
42) 2,4,5-Trichlorophenol	13.134	196	409788	20.992	ng/ul	97
43) 1,1'-Biphenyl	13.469	154	1506608	21.274	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	1173141	21.098	ng/ul	99
45) 2-Nitroaniline	13.751	65	366033	22.104	ng/ul	97
47) Dimethylphthalate	14.098	163	1483195	21.226	ng/ul	100
48) 2,6-Dinitrotoluene	14.245	165	290797	21.428	ng/ul	99
50) Acenaphthylene	14.369	152	1840981	21.392	ng/ul	99
51) 3-Nitroaniline	14.581	138	294372	21.736	ng/ul	99
52) Acenaphthene	14.704	153	1291821	21.515	ng/ul	99
53) 2,4-Dinitrophenol	14.781	184	125019	14.858	ng/ul	96
55) 4-Nitrophenol	14.869	109	214219	20.575	ng/ul	99
56) Dibenzofuran	15.039	168	1758931	21.305	ng/ul	99
57) 2,4-Dinitrotoluene	15.022	165	424978	21.816	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.251	232	324652	20.628	ng/ul	96
59) Diethylphthalate	15.451	149	1508262	21.599	ng/ul	99
61) Fluorene	15.692	166	1447669	21.268	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.681	204	687977	20.914	ng/ul	96
63) 4-Nitroaniline	15.751	138	263755	22.151	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.775	198	211089	17.733	ng/ul	94
67) N-Nitrosodiphenylamine	15.904	169	1212826	21.304	ng/ul	99
68) 4-Bromophenyl-phenylether	16.586	248	384626	20.477	ng/ul	99
69) Hexachlorobenzene	16.669	284	417983	20.301	ng/ul	98
70) Atrazine	16.863	200	402903	20.671	ng/ul	97
71) Pentachlorophenol	17.033	266	245288	18.268	ng/ul	99
72) Phenanthrene	17.451	178	2228215	21.239	ng/ul	100
74) Anthracene	17.545	178	2236560	21.208	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.422	216	549060	20.416	ng/ul	99
76) Pentachlorobenzene	14.928	250	531468	20.516	ng/ul	99
77) Carbazole	17.828	167	2026520	21.383	ng/ul	100
78) Di-n-butylphthalate	18.339	149	2478312	21.346	ng/ul	99
80) Fluoranthene	19.416	202	2428990	21.541	ng/ul	100
82) Pyrene	19.774	202	2521351	21.536	ng/ul	99
83) Butylbenzylphthalate	20.633	149	1041436	21.510	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.433	252	644678	19.593	ng/ul	99
85) Benzo(a)anthracene	21.492	228	2227425	21.332	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.369	149	1444307	21.593	ng/ul	100
87) Chrysene	21.551	228	2083297	21.329	ng/ul	100
89) Di-n-octyl phthalate	22.339	149	2281877	20.424	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	1930527	20.731	ng/ul	99
91) Benzo(k)fluoranthene	23.310	252	1872069	20.760	ng/ul	99
93) Benzo(a)pyrene	23.939	252	1613084	20.769	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.751	276	1828410	21.207	ng/ul	99
95) Dibenzo(a,h)anthracene	26.774	278	1517180	21.321	ng/ul	99
96) Benzo(g,h,i)perylene	27.592	276	1457746	21.456	ng/ul	99

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

