

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080324\
 Data File : BP021350.D
 Acq On : 03 Aug 2024 19:56
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020725

Quant Time: Aug 05 00:10:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	161473	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.381	136	667550	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.257	164	450840	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.081	188	1006952	20.000	ng/u1	-0.01
79) Chrysene-d12	21.533	240	1017220	20.000	ng/u1	0.00
88) Perylene-d12	24.839	264	1185056	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	29995	8.453	ng/uL	-0.02
4) Pyridine-d5	3.581	84	185693	18.076	ng/u1	-0.01
7) Phenol-d5	6.840	99	243488	18.496	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	150985	18.925	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.169	132	205750	18.969	ng/u1	-0.01
15) 4-Methylphenol-d8	8.352	113	192719	17.626	ng/u1	-0.01
21) Nitrobenzene-d5	8.775	128	98792	19.054	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.487	143	110999	18.704	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.046	165	202499	18.871	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	279890	19.688	ng/u1	-0.02
46) Dimethylphthalate-d6	13.669	166	625211	19.077	ng/u1	-0.01
49) Acenaphthylene-d8	13.951	160	709398	19.277	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.581	143	114030m	24.454	ng/u1	0.00
60) Fluorene-d10	15.269	176	529121	19.679	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.457	200	108140	17.749	ng/u1	0.00
73) Anthracene-d10	17.186	188	856221	19.145	ng/u1	0.00
81) Pyrene-d10	19.580	212	1050668	16.707	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	1128673	19.311	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	32346	8.288	ng/uL	97
5) Pyridine	3.599	79	198489	18.733	ng/u1	96
6) Benzaldehyde	6.799	77	152818m	23.026	ng/u1	
8) Phenol	6.863	94	247450	18.576	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.063	93	201864	18.344	ng/u1	99
12) 2-Chlorophenol	7.199	128	206567	19.002	ng/u1	99
13) 2-Methylphenol	8.081	108	196567	19.080	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.134	45	304453	19.150	ng/u1#	95
16) Acetophenone	8.446	105	317063	18.789	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.416	70	160326	18.132	ng/u1	99
18) 4-Methylphenol	8.416	108	205992	18.664	ng/u1	97
19) Hexachloroethane	8.652	117	89049	18.229	ng/u1	99
22) Nitrobenzene	8.816	77	244319	19.671	ng/u1	98
23) Isophorone	9.328	82	450365	18.239	ng/u1	98
25) 2-Nitrophenol	9.522	139	118253	19.106	ng/u1	100
26) 2,4-Dimethylphenol	9.593	107	236397	19.369	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.805	93	272119	18.130	ng/u1	100
29) 2,4-Dichlorophenol	10.069	162	193749	18.320	ng/u1	99
30) Naphthalene	10.428	128	675469	19.237	ng/u1	99
32) 4-Chloroaniline	10.569	127	265441	19.554	ng/u1	99
33) Hexachlorobutadiene	10.681	225	143696	18.121	ng/u1	97
34) Caprolactam	11.393	113	66788m	20.501	ng/u1	
35) 4-Chloro-3-methylphenol	11.734	107	225046	19.577	ng/u1	98
36) 2-Methylnaphthalene	12.040	142	456264	18.930	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	471642	19.026	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.416	216	267211	18.250	ng/ul	97
40) Hexachlorocyclopentadiene	12.369	237	121105	15.812	ng/ul	98
41) 2,4,6-Trichlorophenol	12.687	196	163797	17.705	ng/ul	96
42) 2,4,5-Trichlorophenol	12.798	196	175952	17.975	ng/ul	99
43) 1,1'-Biphenyl	13.069	154	604712	18.353	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	489951	18.627	ng/ul	99
45) 2-Nitroaniline	13.363	65	149485	20.551	ng/ul	96
47) Dimethylphthalate	13.722	163	632095	19.008	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	126155	18.975	ng/ul	96
50) Acenaphthylene	13.981	152	802705	19.265	ng/ul	100
51) 3-Nitroaniline	14.216	138	121351	20.975	ng/ul	97
52) Acenaphthene	14.322	153	523528	18.931	ng/ul	100
53) 2,4-Dinitrophenol	14.463	184	79910m	22.887	ng/ul	
55) 4-Nitrophenol	14.598	109	84332m	22.233	ng/ul	
56) Dibenzofuran	14.675	168	741266	19.574	ng/ul	100
57) 2,4-Dinitrotoluene	14.692	165	195145	21.382	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.928	232	160939	19.200	ng/ul	99
59) Diethylphthalate	15.110	149	632057	19.018	ng/ul	99
61) Fluorene	15.334	166	621159	20.100	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.322	204	317861	18.955	ng/ul	97
63) 4-Nitroaniline	15.422	138	120733m	25.199	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.475	198	110789	17.147	ng/ul	98
67) N-Nitrosodiphenylamine	15.557	169	522639	17.824	ng/ul	100
68) 4-Bromophenyl-phenylether	16.245	248	201710	17.090	ng/ul	99
69) Hexachlorobenzene	16.357	284	240883	17.800	ng/ul	100
70) Atrazine	16.545	200	196596	18.396	ng/ul	98
71) Pentachlorophenol	16.745	266	156896	21.346	ng/ul	96
72) Phenanthrene	17.122	178	1009586	19.327	ng/ul	99
74) Anthracene	17.222	178	1026605	19.278	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	262953	16.315	ng/uL	99
76) Pentachlorobenzene	14.581	250	269906	16.854	ng/uL	99
77) Carbazole	17.516	167	919608	21.124	ng/ul	99
78) Di-n-butylphthalate	18.086	149	1118993	18.631	ng/ul	100
80) Fluoranthene	19.228	202	1250314	16.463	ng/ul	99
82) Pyrene	19.610	202	1313815	17.000	ng/ul	99
83) Butylbenzylphthalate	20.539	149	544489	16.910	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.445	252	459641	19.775	ng/ul	98
85) Benzo(a)anthracene	21.516	228	1332227	18.696	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.422	149	761722	16.438	ng/ul	100
87) Chrysene	21.580	228	1267842	19.148	ng/ul	100
89) Di-n-octyl phthalate	22.657	149	1374560	17.558	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	1322102	18.384	ng/ul	99
91) Benzo(k)fluoranthene	23.851	252	1376680	19.182	ng/ul	100
93) Benzo(a)pyrene	24.663	252	1280206	18.838	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.574	276	1593965	18.202	ng/ul	99
95) Dibenzo(a,h)anthracene	28.615	278	1326667	18.295	ng/ul	99
96) Benzo(g,h,i)perylene	29.756	276	1289092m	18.075	ng/ul	

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

