

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022170.D
 Acq On : 02 Oct 2024 20:53
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020783

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 02 23:23:22 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Sep 24 15:23:13 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	120788	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.458	136	470061	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.310	164	367777	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.116	188	860058	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	948490	20.000	ng/u1	0.01
88) Perylene-d12	24.839	264	1113277	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	20163	6.539	ng/uL	0.00
4) Pyridine-d5	3.628	84	153738	17.441	ng/u1	0.00
7) Phenol-d5	6.881	99	184932	18.717	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.034	67	110270	18.124	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.240	132	146917	20.551	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	152472	19.474	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	69339	19.708	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	77972	19.546	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.087	165	174592	20.154	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	196412	19.002	ng/u1	-0.01
46) Dimethylphthalate-d6	13.716	166	537622	18.911	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	586622	19.489	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	84322	17.340	ng/u1	0.00
60) Fluorene-d10	15.316	176	465246	18.501	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	88038	16.488	ng/u1	0.00
73) Anthracene-d10	17.222	188	773660	19.269	ng/u1	0.00
81) Pyrene-d10	19.592	212	956026	19.455	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.610	264	1082781	18.492	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.252	88	22210	6.649	ng/uL	97
5) Pyridine	3.652	79	157234	17.558	ng/u1	98
6) Benzaldehyde	6.852	77	80079	14.327	ng/u1	99
8) Phenol	6.911	94	188196	18.252	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.128	93	147951	18.747	ng/u1	98
12) 2-Chlorophenol	7.269	128	145901	19.687	ng/u1	98
13) 2-Methylphenol	8.134	108	140033	18.725	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.211	45	134895	18.425	ng/u1	98
16) Acetophenone	8.505	105	246153	18.901	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.487	70	125702	18.618	ng/u1	97
18) 4-Methylphenol	8.458	108	150903	18.504	ng/u1	96
19) Hexachloroethane	8.764	117	67172	19.201	ng/u1	99
22) Nitrobenzene	8.881	77	195400	18.166	ng/u1	98
23) Isophorone	9.399	82	355241	19.066	ng/u1	96
25) 2-Nitrophenol	9.581	139	85754	20.091	ng/u1	96
26) 2,4-Dimethylphenol	9.646	107	185948	19.231	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.875	93	200687	18.686	ng/u1	97
29) 2,4-Dichlorophenol	10.111	162	168477	19.575	ng/u1	98
30) Naphthalene	10.505	128	475690	19.233	ng/u1	99
32) 4-Chloroaniline	10.616	127	191818	18.737	ng/u1	98
33) Hexachlorobutadiene	10.793	225	142777	18.684	ng/u1	97
34) Caprolactam	11.387	113	48549	18.595	ng/u1	88
35) 4-Chloro-3-methylphenol	11.746	107	177098	19.020	ng/u1	98
36) 2-Methylnaphthalene	12.116	142	344060	18.719	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022170.D
 Acq On : 02 Oct 2024 20:53
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020783

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 02 23:23:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	357631	19.292	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.487	216	252831	18.542	ng/ul	97
40) Hexachlorocyclopentadiene	12.469	237	161115	18.785	ng/ul	97
41) 2,4,6-Trichlorophenol	12.728	196	159767	19.600	ng/ul	96
42) 2,4,5-Trichlorophenol	12.804	196	172190	19.507	ng/ul	95
43) 1,1'-Biphenyl	13.128	154	499416	18.989	ng/ul	98
44) 2-Chloronaphthalene	13.169	162	416498	19.669	ng/ul	98
45) 2-Nitroaniline	13.381	65	105227	17.186	ng/ul	90
47) Dimethylphthalate	13.763	163	536625	18.793	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	105695	19.308	ng/ul	94
50) Acenaphthylene	14.034	152	640276	20.398	ng/ul	99
51) 3-Nitroaniline	14.216	138	77758	15.602	ng/ul	98
52) Acenaphthene	14.381	153	424781	18.625	ng/ul	97
53) 2,4-Dinitrophenol	14.434	184	57202	15.358	ng/ul	95
55) 4-Nitrophenol	14.546	109	92017	16.725	ng/ul	94
56) Dibenzofuran	14.722	168	621941	18.342	ng/ul	97
57) 2,4-Dinitrotoluene	14.687	165	159864	18.950	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.951	232	161089	18.959	ng/ul	99
59) Diethylphthalate	15.151	149	518668	18.354	ng/ul	99
61) Fluorene	15.375	166	520608	18.462	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	297547	18.328	ng/ul	98
63) 4-Nitroaniline	15.398	138	77324	15.244	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.463	198	96789	16.650	ng/ul	98
67) N-Nitrosodiphenylamine	15.587	169	433412	19.133	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	210929	20.422	ng/ul	98
69) Hexachlorobenzene	16.404	284	261003	20.812	ng/ul	94
70) Atrazine	16.569	200	172638	17.084	ng/ul	100
71) Pentachlorophenol	16.763	266	156263	18.676	ng/ul	99
72) Phenanthrene	17.163	178	848496	18.816	ng/ul	99
74) Anthracene	17.251	178	896041	19.526	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.099	216	249376	19.322	ng/uL	98
76) Pentachlorobenzene	14.640	250	276819	19.504	ng/uL	98
77) Carbazole	17.534	167	754600	18.657	ng/ul	99
78) Di-n-butylphthalate	18.128	149	914434	19.611	ng/ul	99
80) Fluoranthene	19.245	202	1123539	20.004	ng/ul	99
82) Pyrene	19.622	202	1149226	19.009	ng/ul	97
83) Butylbenzylphthalate	20.575	149	431117	20.462	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.451	252	392272	18.063	ng/ul	98
85) Benzo(a)anthracene	21.528	228	1226326	18.761	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	614267	19.871	ng/ul	100
87) Chrysene	21.598	228	1155659	18.838	ng/ul	99
89) Di-n-octyl phthalate	22.722	149	1054427	19.173	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	1285392	18.599	ng/ul	100
91) Benzo(k)fluoranthene	23.863	252	1300640m	18.883	ng/ul	
93) Benzo(a)pyrene	24.674	252	1208782	18.982	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.539	276	1553334m	18.708	ng/ul	
95) Dibenzo(a,h)anthracene	28.627	278	1285720m	19.222	ng/ul	
96) Benzo(g,h,i)perylene	29.709	276	1236704m	19.196	ng/ul	

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

