

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101824\
 Data File : BP022461.D
 Acq On : 18 Oct 2024 15:29
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020663

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2024

Supervised By :mohammad ahmed 10/21/2024

Quant Time: Oct 19 03:00:09 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Oct 18 11:08:24 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	133650	20.000	ng/u1	0.01
20) Naphthalene-d8	10.422	136	551073	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	468216	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1162906	20.000	ng/u1	-0.01
79) Chrysene-d12	21.504	240	1160959	20.000	ng/u1	0.00
88) Perylene-d12	24.769	264	1156422	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	22191	6.452	ng/uL	0.00
4) Pyridine-d5	3.611	84	164696	17.444	ng/u1	0.00
7) Phenol-d5	6.858	99	219946	19.550	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	131879	19.945	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	167479	20.980	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	188032	20.943	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	86736	20.470	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	105846	21.577	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	218820	20.987	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	249582	20.258	ng/u1	0.00
46) Dimethylphthalate-d6	13.693	166	753354	20.251	ng/u1	0.01
49) Acenaphthylene-d8	13.975	160	780583	19.756	ng/u1	0.01
54) 4-Nitrophenol-d4	14.498	143	121515	19.471	ng/u1	0.00
60) Fluorene-d10	15.281	176	641763	19.889	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.434	200	136692	17.872	ng/u1	0.02
73) Anthracene-d10	17.181	188	1088169	19.891	ng/u1	0.01
81) Pyrene-d10	19.557	212	1314406	21.409	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.527	264	1211930	19.624	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	23810	6.439	ng/uL	98
5) Pyridine	3.628	79	169900	17.550	ng/u1	96
6) Benzaldehyde	6.828	77	129083	21.232	ng/u1	99
8) Phenol	6.887	94	222348	18.996	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.099	93	176908	20.195	ng/u1	99
12) 2-Chlorophenol	7.240	128	166437	20.162	ng/u1	95
13) 2-Methylphenol	8.105	108	173314	20.403	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.181	45	206400	20.273	ng/u1	97
16) Acetophenone	8.475	105	307506	20.746	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.463	70	163678	21.796	ng/u1	96
18) 4-Methylphenol	8.434	108	190419	20.207	ng/u1	95
19) Hexachloroethane	8.728	117	75562	19.655	ng/u1	99
22) Nitrobenzene	8.846	77	237926	18.812	ng/u1	98
23) Isophorone	9.375	82	471351	20.785	ng/u1	99
25) 2-Nitrophenol	9.552	139	109928	20.793	ng/u1	99
26) 2,4-Dimethylphenol	9.616	107	230356	20.046	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.846	93	264790	20.564	ng/u1	99
29) 2,4-Dichlorophenol	10.081	162	210675	20.519	ng/u1	97
30) Naphthalene	10.469	128	584970	19.930	ng/u1	99
32) 4-Chloroaniline	10.587	127	240120	19.745	ng/u1	96
33) Hexachlorobutadiene	10.752	225	171715	19.843	ng/u1	100
34) Caprolactam	11.363	113	67376m	20.355	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	242543	21.651	ng/u1	97
36) 2-Methylnaphthalene	12.081	142	447280	20.760	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	465343	21.161	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.451	216	332829	19.225	ng/ul	96
40) Hexachlorocyclopentadiene	12.428	237	158040	14.983	ng/ul	99
41) 2,4,6-Trichlorophenol	12.699	196	214006	19.652	ng/ul	98
42) 2,4,5-Trichlorophenol	12.781	196	239153	20.625	ng/ul	99
43) 1,1'-Biphenyl	13.099	154	653908	19.376	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	538307	19.485	ng/ul	98
45) 2-Nitroaniline	13.357	65	160972	19.513	ng/ul	94
47) Dimethylphthalate	13.734	163	737217	19.888	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	154019	21.967	ng/ul	95
50) Acenaphthylene	14.004	152	834975	20.362	ng/ul	99
51) 3-Nitroaniline	14.181	138	141389	21.470	ng/ul	99
52) Acenaphthene	14.346	153	565753	19.511	ng/ul	98
53) 2,4-Dinitrophenol	14.410	184	91716	17.779	ng/ul	99
55) 4-Nitrophenol	14.516	109	148257	21.404	ng/ul	93
56) Dibenzofuran	14.687	168	846882	19.443	ng/ul	99
57) 2,4-Dinitrotoluene	14.663	165	230586	21.164	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.916	232	230740	21.319	ng/ul	98
59) Diethylphthalate	15.110	149	749866	21.085	ng/ul	99
61) Fluorene	15.345	166	713800	20.112	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.340	204	415442	20.470	ng/ul	98
63) 4-Nitroaniline	15.381	138	156307	23.588	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.445	198	143838	17.460	ng/ul	98
67) N-Nitrosodiphenylamine	15.545	169	611326	19.630	ng/ul	100
68) 4-Bromophenyl-phenylether	16.245	248	289234	20.625	ng/ul	97
69) Hexachlorobenzene	16.375	284	351602	20.369	ng/ul	97
70) Atrazine	16.534	200	259948	20.081	ng/ul	97
71) Pentachlorophenol	16.722	266	237838	21.429	ng/ul	96
72) Phenanthrene	17.122	178	1205285	19.372	ng/ul	100
74) Anthracene	17.216	178	1240534	19.980	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	336072	18.980	ng/uL	96
76) Pentachlorobenzene	14.598	250	377394	19.280	ng/uL	97
77) Carbazole	17.504	167	1040253	18.935	ng/ul	99
78) Di-n-butylphthalate	18.081	149	1286986	21.172	ng/ul	100
80) Fluoranthene	19.204	202	1584245	22.446	ng/ul	99
82) Pyrene	19.586	202	1612453	21.315	ng/ul	99
83) Butylbenzylphthalate	20.539	149	602228	22.866	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.404	252	475385	17.178	ng/ul	100
85) Benzo(a)anthracene	21.492	228	1597842	19.633	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.416	149	858664	22.713	ng/ul	100
87) Chrysene	21.557	228	1442453	19.114	ng/ul	100
89) Di-n-octyl phthalate	22.657	149	1357342	24.676	ng/ul	100
90) Benzo(b)fluoranthene	23.733	252	1494601	20.532	ng/ul#	98
91) Benzo(k)fluoranthene	23.798	252	1454338	20.407	ng/ul	99
93) Benzo(a)pyrene	24.604	252	1338821	19.984	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.468	276	1541873	17.247	ng/ul	97
95) Dibenzo(a,h)anthracene	28.527	278	1264336	17.465	ng/ul	97
96) Benzo(g,h,i)perylene	29.604	276	1205232	17.332	ng/ul	99

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

