

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022564.D
 Acq On : 23 Oct 2024 15:30
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020672

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024

Supervised By :mohammad

ahmed

10/25/2024

Quant Time: Oct 23 16:18:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	99890	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	391207	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	307627	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	735287	20.000	ng/u1	-0.02
79) Chrysene-d12	21.510	240	749557	20.000	ng/u1	0.01
88) Perylene-d12	24.786	264	855957m	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	17337	6.745	ng/uL	0.00
4) Pyridine-d5	3.611	84	126248	17.891	ng/u1	0.00
7) Phenol-d5	6.852	99	163741	19.473	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	96832	19.594	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	123324	20.670	ng/u1	0.00
15) 4-Methylphenol-d8	8.357	113	131322	19.570	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	62977	20.937	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	73551	21.120	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	153151	20.692	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	168821	19.303	ng/u1	-0.01
46) Dimethylphthalate-d6	13.681	166	480622	19.664	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	523355	20.160	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	71946	17.546	ng/u1	-0.01
60) Fluorene-d10	15.275	176	420377	19.829	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	80029	16.549	ng/u1	0.00
73) Anthracene-d10	17.163	188	691990	20.006	ng/u1	0.00
81) Pyrene-d10	19.551	212	853296	21.527	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.545	264	888917	19.446	ng/u1	0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.228	88	19198	6.946	ng/uL	94
5) Pyridine	3.628	79	130470	18.032	ng/u1	98
6) Benzaldehyde	6.816	77	74896	16.483	ng/u1	96
8) Phenol	6.875	94	167572	19.155	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.093	93	131225	20.043	ng/u1	98
12) 2-Chlorophenol	7.234	128	124911	20.246	ng/u1	97
13) 2-Methylphenol	8.099	108	125199	19.720	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.175	45	151209	19.872	ng/u1	98
16) Acetophenone	8.463	105	215361	19.440	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.446	70	111877	19.933	ng/u1	96
18) 4-Methylphenol	8.422	108	136181	19.335	ng/u1	96
19) Hexachloroethane	8.716	117	57435	19.989	ng/u1	97
22) Nitrobenzene	8.834	77	176362	19.642	ng/u1	99
23) Isophorone	9.357	82	321087	19.945	ng/u1	99
25) 2-Nitrophenol	9.540	139	75034	19.992	ng/u1	97
26) 2,4-Dimethylphenol	9.598	107	158189	19.391	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.828	93	188615	20.635	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	150075	20.590	ng/u1	98
30) Naphthalene	10.457	128	417236	20.024	ng/u1	99
32) 4-Chloroaniline	10.569	127	164205	19.020	ng/u1	97
33) Hexachlorobutadiene	10.740	225	120905	19.681	ng/u1	98
34) Caprolactam	11.351	113	42834m	18.228	ng/u1	
35) 4-Chloro-3-methylphenol	11.704	107	158055	19.875	ng/u1	99
36) 2-Methylnaphthalene	12.069	142	301927	19.740	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.292	142	320692	20.542	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.440	216	223226	19.625	ng/ul	95
40) Hexachlorocyclopentadiene	12.416	237	98539	14.219	ng/ul	98
41) 2,4,6-Trichlorophenol	12.692	196	140754	19.672	ng/ul	96
42) 2,4,5-Trichlorophenol	12.763	196	155222	20.374	ng/ul	97
43) 1,1'-Biphenyl	13.087	154	449451	20.270	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	366239	20.177	ng/ul	99
45) 2-Nitroaniline	13.345	65	104794	19.335	ng/ul	95
47) Dimethylphthalate	13.728	163	479489	19.687	ng/ul	100
48) 2,6-Dinitrotoluene	13.839	165	95459	20.722	ng/ul	98
50) Acenaphthylene	13.986	152	568861	21.114	ng/ul	100
51) 3-Nitroaniline	14.175	138	81983	18.948	ng/ul	98
52) Acenaphthene	14.322	153	375200	19.694	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	55391	16.343	ng/ul	95
55) 4-Nitrophenol	14.504	109	79896	17.556	ng/ul	98
56) Dibenzofuran	14.663	168	558940	19.531	ng/ul	100
57) 2,4-Dinitrotoluene	14.645	165	146512	20.467	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.904	232	146724	20.633	ng/ul	99
59) Diethylphthalate	15.110	149	470485	20.136	ng/ul	99
61) Fluorene	15.328	166	465593	19.967	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	268732	20.153	ng/ul	98
63) 4-Nitroaniline	15.357	138	88851	20.408	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.433	198	85499	16.414	ng/ul	98
67) N-Nitrosodiphenylamine	15.545	169	396560	20.140	ng/ul	98
68) 4-Bromophenyl-phenylether	16.239	248	183579	20.704	ng/ul	94
69) Hexachlorobenzene	16.357	284	226457	20.749	ng/ul	98
70) Atrazine	16.522	200	135364	16.539	ng/ul	95
71) Pentachlorophenol	16.710	266	131043	18.673	ng/ul	97
72) Phenanthrene	17.110	178	784243	19.936	ng/ul	99
74) Anthracene	17.204	178	806382	20.541	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	224330	20.037	ng/uL	95
76) Pentachlorobenzene	14.586	250	249019	20.120	ng/uL	98
77) Carbazole	17.486	167	680212	19.582	ng/ul	100
78) Di-n-butylphthalate	18.069	149	791392	20.590	ng/ul	100
80) Fluoranthene	19.198	202	1006086	22.079	ng/ul	99
82) Pyrene	19.580	202	1058605	21.675	ng/ul	99
83) Butylbenzylphthalate	20.533	149	370276	21.775	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.416	252	312250	17.476	ng/ul	97
85) Benzo(a)anthracene	21.486	228	1059438	20.162	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	525316	21.522	ng/ul	100
87) Chrysene	21.557	228	958292	19.668	ng/ul	100
89) Di-n-octyl phthalate	22.668	149	884054	21.713	ng/ul	100
90) Benzo(b)fluoranthene	23.745	252	1092784	20.282	ng/ul	98
91) Benzo(k)fluoranthene	23.810	252	1064849	20.186	ng/ul	99
93) Benzo(a)pyrene	24.609	252	1007447	20.316	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.486	276	1261712m	19.067	ng/ul	
95) Dibenzo(a,h)anthracene	28.550	278	1039608	19.401	ng/ul	99
96) Benzo(g,h,i)perylene	29.627	276	1005543	19.536	ng/ul	99

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

