

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022157.D
 Acq On : 02 Oct 2024 11:23
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020782

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 02 13:39:21 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	7.687	152	148762	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	577895	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.310	164	442914	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.116	188	1064336	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1126033	20.000	ng/u1	0.00
88) Perylene-d12	24.839	264	1330900	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	24002	6.320	ng/uL	-0.01
4) Pyridine-d5	3.622	84	176286	16.239	ng/u1	-0.01
7) Phenol-d5	6.869	99	228251	18.757	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.022	67	140373	18.734	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.228	132	179939	20.437	ng/u1	-0.02
15) 4-Methylphenol-d8	8.387	113	187792	19.475	ng/u1	-0.02
21) Nitrobenzene-d5	8.828	128	88103	20.369	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.540	143	107226	21.864	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.081	165	214132	20.105	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.587	131	241077	18.971	ng/u1	-0.02
46) Dimethylphthalate-d6	13.710	166	656382	19.171	ng/u1	-0.01
49) Acenaphthylene-d8	14.004	160	704360	19.431	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	105680	18.045	ng/u1	0.00
60) Fluorene-d10	15.328	176	561167	18.529	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	131527	19.905	ng/u1	0.00
73) Anthracene-d10	17.210	188	911422	18.343	ng/u1	0.00
81) Pyrene-d10	19.598	212	1158234	19.854	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.609	264	1291003	18.443	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	26585	6.462	ng/uL	97
5) Pyridine	3.646	79	182658	16.561	ng/u1	99
6) Benzaldehyde	6.840	77	97442	14.155	ng/u1	96
8) Phenol	6.899	94	231360	18.218	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.116	93	187515	19.292	ng/u1	98
12) 2-Chlorophenol	7.257	128	178396	19.545	ng/u1	99
13) 2-Methylphenol	8.128	108	175338	19.037	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.204	45	170221	18.878	ng/u1	97
16) Acetophenone	8.498	105	304514	18.985	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.487	70	163589	19.674	ng/u1	97
18) 4-Methylphenol	8.451	108	186631	18.582	ng/u1	97
19) Hexachloroethane	8.751	117	82443	19.134	ng/u1	97
22) Nitrobenzene	8.875	77	248748	18.810	ng/u1	97
23) Isophorone	9.393	82	451912	19.729	ng/u1	98
25) 2-Nitrophenol	9.575	139	109958	20.955	ng/u1	97
26) 2,4-Dimethylphenol	9.634	107	225579	18.977	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.869	93	255465	19.348	ng/u1	100
29) 2,4-Dichlorophenol	10.110	162	205649	19.435	ng/u1	98
30) Naphthalene	10.498	128	575030	18.911	ng/u1	99
32) 4-Chloroaniline	10.610	127	233875	18.583	ng/u1	98
33) Hexachlorobutadiene	10.787	225	176747	18.814	ng/u1	98
34) Caprolactam	11.387	113	58690	18.285	ng/u1	92
35) 4-Chloro-3-methylphenol	11.739	107	216967	18.953	ng/u1	97
36) 2-Methylnaphthalene	12.110	142	418003	18.498	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	437603	19.201	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.486	216	309643	18.856	ng/ul	98
40) Hexachlorocyclopentadiene	12.463	237	217188	21.026	ng/ul	97
41) 2,4,6-Trichlorophenol	12.728	196	197282	20.096	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	210974	19.846	ng/ul	100
43) 1,1'-Biphenyl	13.134	154	600109	18.947	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	487078	19.100	ng/ul	98
45) 2-Nitroaniline	13.375	65	143283	19.431	ng/ul	97
47) Dimethylphthalate	13.757	163	654083	19.020	ng/ul	99
48) 2,6-Dinitrotoluene	13.886	165	135652	20.577	ng/ul	97
50) Acenaphthylene	14.028	152	746260	19.741	ng/ul	100
51) 3-Nitroaniline	14.210	138	97612	16.263	ng/ul	96
52) Acenaphthene	14.375	153	509311	18.543	ng/ul	98
53) 2,4-Dinitrophenol	14.422	184	99798	22.248	ng/ul	95
55) 4-Nitrophenol	14.545	109	113596	17.145	ng/ul	96
56) Dibenzofuran	14.716	168	760419	18.622	ng/ul	98
57) 2,4-Dinitrotoluene	14.681	165	201582	19.842	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.957	232	200835	19.627	ng/ul	97
59) Diethylphthalate	15.145	149	650150	19.103	ng/ul	99
61) Fluorene	15.380	166	619048	18.229	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	368199	18.832	ng/ul	98
63) 4-Nitroaniline	15.398	138	89191	14.601	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.457	198	141061	19.608	ng/ul	96
67) N-Nitrosodiphenylamine	15.592	169	529139	18.876	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	252907	19.787	ng/ul	97
69) Hexachlorobenzene	16.410	284	311183	20.051	ng/ul	95
70) Atrazine	16.575	200	212461	16.990	ng/ul	98
71) Pentachlorophenol	16.763	266	196503	18.977	ng/ul	99
72) Phenanthrene	17.157	178	1014682	18.183	ng/ul	99
74) Anthracene	17.245	178	1055851	18.592	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.092	216	310556	19.444	ng/uL	100
76) Pentachlorobenzene	14.633	250	332306	18.920	ng/uL	99
77) Carbazole	17.527	167	900173	17.985	ng/ul	99
78) Di-n-butylphthalate	18.127	149	1123847	19.476	ng/ul	99
80) Fluoranthene	19.251	202	1361450	20.418	ng/ul	98
82) Pyrene	19.627	202	1385909	19.310	ng/ul	96
83) Butylbenzylphthalate	20.574	149	519212	20.758	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.451	252	457970	17.763	ng/ul	98
85) Benzo(a)anthracene	21.527	228	1483183	19.113	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	767433	20.912	ng/ul	100
87) Chrysene	21.592	228	1374715	18.876	ng/ul	100
89) Di-n-octyl phthalate	22.721	149	1270272	19.321	ng/ul	100
90) Benzo(b)fluoranthene	23.792	252	1531234	18.534	ng/ul	99
91) Benzo(k)fluoranthene	23.862	252	1559555m	18.940	ng/ul	
93) Benzo(a)pyrene	24.680	252	1415758	18.597	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.556	276	1818705	18.322	ng/ul	98
95) Dibenzo(a,h)anthracene	28.627	278	1507875m	18.857	ng/ul	
96) Benzo(g,h,i)perylene	29.697	276	1458950	18.942	ng/ul	99

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

