

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
 Data File : BP022013.D
 Acq On : 25 Sep 2024 03:51
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020768

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 25 05:03:23 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	7.710	152	129225	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	515291	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	402883	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	1006876	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1149287	20.000	ng/u1	0.00
88) Perylene-d12	24.821	264	1311152	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	24394	7.394	ng/uL	0.00
4) Pyridine-d5	3.634	84	182806	19.385	ng/u1	0.00
7) Phenol-d5	6.893	99	205074	19.400	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.051	67	129300	19.865	ng/u1	0.00
11) 2-Chlorophenol-d4	7.251	132	156056	20.405	ng/u1	0.00
15) 4-Methylphenol-d8	8.410	113	163636	19.536	ng/u1	0.00
21) Nitrobenzene-d5	8.851	128	74901	19.421	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	86647	19.814	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	186685	19.658	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	215033	18.977	ng/u1	0.00
46) Dimethylphthalate-d6	13.727	166	585447	18.798	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	631110	19.140	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	98117	18.419	ng/u1	0.00
60) Fluorene-d10	15.321	176	521637	18.935	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	103359	16.534	ng/u1	0.00
73) Anthracene-d10	17.215	188	863787	18.377	ng/u1	0.00
81) Pyrene-d10	19.586	212	1135686	19.074	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.592	264	1307500	18.960	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.257	88	26245	7.344	ng/uL	98
5) Pyridine	3.652	79	185792	19.392	ng/u1	98
6) Benzaldehyde	6.863	77	143487	23.995	ng/u1	97
8) Phenol	6.916	94	214452	19.440	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.140	93	166292	19.695	ng/u1	98
12) 2-Chlorophenol	7.287	128	161226	20.335	ng/u1	97
13) 2-Methylphenol	8.151	108	155619	19.451	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.222	45	153603	19.611	ng/u1	99
16) Acetophenone	8.522	105	275431	19.768	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.504	70	145338	20.121	ng/u1	99
18) 4-Methylphenol	8.469	108	171546	19.662	ng/u1	99
19) Hexachloroethane	8.775	117	73176	19.551	ng/u1	91
22) Nitrobenzene	8.892	77	224314	19.023	ng/u1	98
23) Isophorone	9.416	82	385940	18.896	ng/u1	98
25) 2-Nitrophenol	9.592	139	93483	19.979	ng/u1	99
26) 2,4-Dimethylphenol	9.657	107	202109	19.068	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.886	93	226578	19.245	ng/u1	98
29) 2,4-Dichlorophenol	10.128	162	182952	19.391	ng/u1	99
30) Naphthalene	10.522	128	510388	18.824	ng/u1	99
32) 4-Chloroaniline	10.628	127	212293	18.917	ng/u1	99
33) Hexachlorobutadiene	10.810	225	153593	18.335	ng/u1	98
34) Caprolactam	11.398	113	53457m	18.678	ng/u1	
35) 4-Chloro-3-methylphenol	11.751	107	194703	19.075	ng/u1	97
36) 2-Methylnaphthalene	12.128	142	379907	18.855	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.345	142	381801	18.788	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.498	216	279679	18.724	ng/ul	98
40) Hexachlorocyclopentadiene	12.480	237	164968	17.558	ng/ul	98
41) 2,4,6-Trichlorophenol	12.745	196	174267	19.516	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	189611	19.609	ng/ul	100
43) 1,1'-Biphenyl	13.145	154	542661	18.836	ng/ul	99
44) 2-Chloronaphthalene	13.186	162	435380	18.769	ng/ul	99
45) 2-Nitroaniline	13.386	65	129940	19.373	ng/ul	95
47) Dimethylphthalate	13.775	163	590061	18.864	ng/ul	99
48) 2,6-Dinitrotoluene	13.886	165	115613	19.280	ng/ul	98
50) Acenaphthylene	14.033	152	650487	18.918	ng/ul	100
51) 3-Nitroaniline	14.222	138	107876	19.759	ng/ul	99
52) Acenaphthene	14.380	153	465680	18.639	ng/ul	97
53) 2,4-Dinitrophenol	14.427	184	62813	15.395	ng/ul	97
55) 4-Nitrophenol	14.539	109	111406	18.485	ng/ul	97
56) Dibenzofuran	14.722	168	688894	18.546	ng/ul	97
57) 2,4-Dinitrotoluene	14.680	165	184297	19.943	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.951	232	176879	19.003	ng/ul	99
59) Diethylphthalate	15.157	149	576074	18.609	ng/ul	100
61) Fluorene	15.374	166	559916	18.126	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.374	204	323264	18.177	ng/ul	97
63) 4-Nitroaniline	15.398	138	118190	21.270	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.463	198	113592	16.691	ng/ul	97
67) N-Nitrosodiphenylamine	15.586	169	493517	18.610	ng/ul	99
68) 4-Bromophenyl-phenylether	16.280	248	222559	18.406	ng/ul	98
69) Hexachlorobenzene	16.404	284	270402	18.418	ng/ul	98
70) Atrazine	16.563	200	220735	18.659	ng/ul	99
71) Pentachlorophenol	16.757	266	169518	17.306	ng/ul	99
72) Phenanthrene	17.163	178	973237	18.435	ng/ul	99
74) Anthracene	17.251	178	978879	18.221	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.110	216	289090	19.133	ng/uL	99
76) Pentachlorobenzene	14.639	250	304774	18.342	ng/uL	97
77) Carbazole	17.527	167	879644	18.578	ng/ul	100
78) Di-n-butylphthalate	18.121	149	980258	17.957	ng/ul	99
80) Fluoranthene	19.239	202	1297701	19.068	ng/ul	99
82) Pyrene	19.615	202	1355520	18.504	ng/ul	99
83) Butylbenzylphthalate	20.562	149	477565	18.706	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.439	252	497819	18.918	ng/ul	98
85) Benzo(a)anthracene	21.515	228	1479464	18.679	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.456	149	706766	18.869	ng/ul	100
87) Chrysene	21.580	228	1380252	18.568	ng/ul	99
89) Di-n-octyl phthalate	22.703	149	1173050	18.111	ng/ul	100
90) Benzo(b)fluoranthene	23.774	252	1553617	19.088	ng/ul	99
91) Benzo(k)fluoranthene	23.845	252	1523538m	18.781	ng/ul	
93) Benzo(a)pyrene	24.668	252	1422042	18.961	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.550	276	1798636m	18.393	ng/ul	
95) Dibenzo(a,h)anthracene	28.621	278	1459364	18.526	ng/ul	98
96) Benzo(g,h,i)perylene	29.709	276	1389823	18.317	ng/ul	99

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

