

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
 Data File : BP022197.D
 Acq On : 03 Oct 2024 16:30
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020785

Manual Integrations
 APPROVED

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

Quant Time: Oct 04 01:51:21 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	7.693	152	107929	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	414858	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.310	164	320013	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.110	188	750327	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	755343	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	864759	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	17020	6.177	ng/uL	0.00
4) Pyridine-d5	3.634	84	132187	16.783	ng/u1	0.00
7) Phenol-d5	6.881	99	158676	17.973	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.034	67	92281	16.975	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.240	132	128841	20.170	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	131567	18.806	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	62231	20.042	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	75529	21.453	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.081	165	157057	20.542	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.587	131	174955	19.178	ng/u1	-0.02
46) Dimethylphthalate-d6	13.716	166	479971	19.403	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	526330	20.096	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	72423	17.116	ng/u1	0.00
60) Fluorene-d10	15.316	176	419424	19.168	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	76229	16.364	ng/u1	0.00
73) Anthracene-d10	17.210	188	694832m	19.836	ng/u1	0.00
81) Pyrene-d10	19.586	212	811793	20.745	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	870595	19.141	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	19002	6.366	ng/uL	90
5) Pyridine	3.652	79	137360	17.166	ng/u1	100
6) Benzaldehyde	6.852	77	75458	15.109	ng/u1	91
8) Phenol	6.910	94	161167	17.492	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.128	93	127428	18.070	ng/u1	98
12) 2-Chlorophenol	7.269	128	126951	19.171	ng/u1	96
13) 2-Methylphenol	8.134	108	121328	18.157	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.216	45	113086	17.287	ng/u1	96
16) Acetophenone	8.504	105	213003	18.304	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.487	70	109796	18.200	ng/u1	98
18) 4-Methylphenol	8.457	108	131595	18.059	ng/u1	97
19) Hexachloroethane	8.757	117	56294	18.008	ng/u1	97
22) Nitrobenzene	8.875	77	164617	17.340	ng/u1	96
23) Isophorone	9.393	82	315083	19.161	ng/u1	98
25) 2-Nitrophenol	9.575	139	77483	20.569	ng/u1	93
26) 2,4-Dimethylphenol	9.640	107	160020	18.752	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.869	93	177118	18.686	ng/u1	99
29) 2,4-Dichlorophenol	10.104	162	149200	19.642	ng/u1	97
30) Naphthalene	10.504	128	422537	19.357	ng/u1	99
32) 4-Chloroaniline	10.610	127	168233	18.620	ng/u1	99
33) Hexachlorobutadiene	10.781	225	126370	18.738	ng/u1	99
34) Caprolactam	11.381	113	40553	17.599	ng/u1	90
35) 4-Chloro-3-methylphenol	11.740	107	155392	18.909	ng/u1	97
36) 2-Methylnaphthalene	12.110	142	312303	19.252	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	320010	19.560	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	227809	19.201	ng/ul#	97
40) Hexachlorocyclopentadiene	12.463	237	146322	19.606	ng/ul	97
41) 2,4,6-Trichlorophenol	12.728	196	142484	20.089	ng/ul	96
42) 2,4,5-Trichlorophenol	12.804	196	154711	20.143	ng/ul	98
43) 1,1'-Biphenyl	13.128	154	444208	19.411	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	370196	20.092	ng/ul	98
45) 2-Nitroaniline	13.381	65	95510	17.927	ng/ul#	85
47) Dimethylphthalate	13.757	163	488100	19.645	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	97872	20.548	ng/ul	95
50) Acenaphthylene	14.028	152	569951	20.868	ng/ul	98
51) 3-Nitroaniline	14.210	138	73577	16.967	ng/ul	94
52) Acenaphthene	14.381	153	379057	19.101	ng/ul	97
53) 2,4-Dinitrophenol	14.428	184	56941	17.569	ng/ul	98
55) 4-Nitrophenol	14.539	109	78026	16.299	ng/ul	94
56) Dibenzofuran	14.722	168	559843	18.975	ng/ul	98
57) 2,4-Dinitrotoluene	14.686	165	140756	19.176	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.951	232	147362	19.932	ng/ul	97
59) Diethylphthalate	15.139	149	469717	19.102	ng/ul	97
61) Fluorene	15.381	166	460094	18.751	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.381	204	270659	19.160	ng/ul	98
63) 4-Nitroaniline	15.404	138	74129	16.795	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.457	198	81609	16.091	ng/ul	99
67) N-Nitrosodiphenylamine	15.586	169	392702	19.871	ng/ul	98
68) 4-Bromophenyl-phenylether	16.281	248	187268	20.783	ng/ul	98
69) Hexachlorobenzene	16.410	284	241595	22.082	ng/ul	94
70) Atrazine	16.563	200	151548	17.190	ng/ul	100
71) Pentachlorophenol	16.751	266	178798	24.494	ng/ul	98
72) Phenanthrene	17.151	178	768768	19.541	ng/ul	100
74) Anthracene	17.245	178	798873	19.955	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.092	216	225472	20.025	ng/uL	97
76) Pentachlorobenzene	14.634	250	256589	20.723	ng/uL	98
77) Carbazole	17.533	167	651551	18.466	ng/ul	99
78) Di-n-butylphthalate	18.116	149	790068	19.422	ng/ul	99
80) Fluoranthene	19.245	202	955952	21.373	ng/ul	99
82) Pyrene	19.622	202	989116	20.545	ng/ul	96
83) Butylbenzylphthalate	20.569	149	361128	21.523	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.445	252	327878	18.958	ng/ul	98
85) Benzo(a)anthracene	21.521	228	1001866	19.246	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	516222	20.970	ng/ul	99
87) Chrysene	21.586	228	939252	19.226	ng/ul	99
89) Di-n-octyl phthalate	22.715	149	841736	19.704	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	1067120m	19.879	ng/ul	
91) Benzo(k)fluoranthene	23.851	252	1036649	19.376	ng/ul#	99
93) Benzo(a)pyrene	24.668	252	957898	19.365	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.550	276	1241944m	19.256	ng/ul	
95) Dibenzo(a,h)anthracene	28.615	278	1033215m	19.886	ng/ul	
96) Benzo(g,h,i)perylene	29.692	276	998250m	19.947	ng/ul	

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

