

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112524\
 Data File : BP023318.D
 Acq On : 25 Nov 2024 16:24
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020739

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 00:16:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 04:34:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	70021	20.000	ng/u1	-0.03
20) Naphthalene-d8	10.287	136	268482	20.000	ng/u1	#-0.03
38) Acenaphthene-d10	14.163	164	206608	20.000	ng/u1	-0.02
64) Phenanthrene-d10	16.974	188	519949	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.415	240	658576	20.000	ng/u1	0.00
88) Perylene-d12	24.609	264	818780	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	14867	10.206	ng/uL	-0.02
4) Pyridine-d5	3.528	84	96515	22.300	ng/u1	-0.02
7) Phenol-d5	6.751	99	101804	19.665	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	6.893	67	67615	22.231	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.093	132	77718	20.499	ng/u1	-0.02
15) 4-Methylphenol-d8	8.257	113	84747	19.893	ng/u1	-0.02
21) Nitrobenzene-d5	8.687	128	36924	19.755	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.398	143	45590	20.460	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	9.945	165	94208	20.188	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.445	131	106520	19.134	ng/u1	-0.02
46) Dimethylphthalate-d6	13.563	166	309092	20.757	ng/u1	-0.02
49) Acenaphthylene-d8	13.845	160	331026	21.305	ng/u1	-0.03
54) 4-Nitrophenol-d4	14.439	143	32436	14.494	ng/u1	-0.02
60) Fluorene-d10	15.180	176	271776	20.817	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.333	200	60276	19.352	ng/u1	-0.02
73) Anthracene-d10	17.069	188	462446	21.006	ng/u1	-0.03
81) Pyrene-d10	19.468	212	616846	20.335	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.380	264	829570	21.270	ng/u1	-0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.152	88	17045	10.127	ng/uL	93
5) Pyridine	3.546	79	98100	22.570	ng/u1	98
6) Benzaldehyde	6.722	77	75925m	25.486	ng/u1	
8) Phenol	6.775	94	105923	19.594	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.987	93	89930	22.138	ng/u1	97
12) 2-Chlorophenol	7.128	128	80243	20.385	ng/u1	96
13) 2-Methylphenol	7.993	108	80959	20.063	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.045	45	107958	23.476	ng/u1	94
16) Acetophenone	8.363	105	143898	20.101	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.334	70	78226	21.885	ng/u1	98
18) 4-Methylphenol	8.328	108	88283	19.807	ng/u1	91
19) Hexachloroethane	8.587	117	39769	20.890	ng/u1	99
22) Nitrobenzene	8.728	77	121838	22.718	ng/u1	95
23) Isophorone	9.245	82	207948	21.684	ng/u1	98
25) 2-Nitrophenol	9.428	139	47460	20.179	ng/u1	93
26) 2,4-Dimethylphenol	9.498	107	107947	21.254	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.716	93	117536	22.275	ng/u1	98
29) 2,4-Dichlorophenol	9.969	162	87610	18.954	ng/u1	91
30) Naphthalene	10.334	128	270849	20.765	ng/u1	98
32) 4-Chloroaniline	10.469	127	102288	18.965	ng/u1	99
33) Hexachlorobutadiene	10.610	225	84081	20.104	ng/u1	98
34) Caprolactam	11.263	113	26486m	19.265	ng/u1	
35) 4-Chloro-3-methylphenol	11.610	107	101849	20.482	ng/u1	98
36) 2-Methylnaphthalene	11.951	142	200643	20.376	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.169	142	204917	20.356	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.328	216	145899	20.917	ng/ul	95
40) Hexachlorocyclopentadiene	12.292	237	63242	17.262	ng/ul	99
41) 2,4,6-Trichlorophenol	12.586	196	88207	20.768	ng/ul	94
42) 2,4,5-Trichlorophenol	12.686	196	93428	20.404	ng/ul	98
43) 1,1'-Biphenyl	12.975	154	285519	21.567	ng/ul	99
44) 2-Chloronaphthalene	13.022	162	234534	21.672	ng/ul	99
45) 2-Nitroaniline	13.257	65	66744	21.965	ng/ul	96
47) Dimethylphthalate	13.610	163	308967	21.039	ng/ul	99
48) 2,6-Dinitrotoluene	13.757	165	59511	20.833	ng/ul#	87
50) Acenaphthylene	13.875	152	334740	21.313	ng/ul	99
51) 3-Nitroaniline	14.110	138	51907	21.097	ng/ul#	95
52) Acenaphthene	14.222	153	245417	21.523	ng/ul	99
53) 2,4-Dinitrophenol	14.339	184	32637	16.102	ng/ul	92
55) 4-Nitrophenol	14.457	109	39161	14.957	ng/ul	86
56) Dibenzofuran	14.569	168	373858	21.221	ng/ul	97
57) 2,4-Dinitrotoluene	14.569	165	94598	20.778	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	14.822	232	89824	20.069	ng/ul	95
59) Diethylphthalate	15.004	149	304276	20.950	ng/ul	99
61) Fluorene	15.233	166	305854	21.212	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.227	204	172509	20.319	ng/ul	95
63) 4-Nitroaniline	15.286	138	43183	18.862	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.345	198	63868	19.195	ng/ul#	92
67) N-Nitrosodiphenylamine	15.457	169	257406	21.424	ng/ul	99
68) 4-Bromophenyl-phenylether	16.145	248	117617	19.976	ng/ul	95
69) Hexachlorobenzene	16.263	284	147674	19.923	ng/ul	98
70) Atrazine	16.439	200	117070	20.158	ng/ul	98
71) Pentachlorophenol	16.639	266	84250	18.308	ng/ul	99
72) Phenanthrene	17.016	178	523770	21.335	ng/ul	99
74) Anthracene	17.110	178	526337	21.325	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.939	216	147030	21.418	ng/ul	96
76) Pentachlorobenzene	14.492	250	160483	20.474	ng/ul	98
77) Carbazole	17.404	167	458036	21.270	ng/ul	99
78) Di-n-butylphthalate	17.986	149	534029	22.348	ng/ul	99
80) Fluoranthene	19.121	202	695098	19.890	ng/ul	97
82) Pyrene	19.504	202	750538	19.991	ng/ul	98
83) Butylbenzylphthalate	20.445	149	271945	22.001	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.327	252	304908	20.626	ng/ul	98
85) Benzo(a)anthracene	21.392	228	876395	21.793	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.321	149	380071	21.638	ng/ul	97
87) Chrysene	21.462	228	810577	21.422	ng/ul	99
89) Di-n-octyl phthalate	22.527	149	709289	21.353	ng/ul	100
90) Benzo(b)fluoranthene	23.586	252	965599	21.188	ng/ul	99
91) Benzo(k)fluoranthene	23.662	252	980374	21.852	ng/ul#	98
93) Benzo(a)pyrene	24.451	252	896911	21.771	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.203	276	1139765	19.857	ng/ul	99
95) Dibenzo(a,h)anthracene	28.268	278	907788	19.479	ng/ul	99
96) Benzo(g,h,i)perylene	29.344	276	884137m	20.280	ng/ul	

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