

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121024\
 Data File : BP023383.D
 Acq On : 11 Dec 2024 18:01
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020743

Quant Time: Dec 12 01:54:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	71445	20.000	ng/u1	0.00
20) Naphthalene-d8	10.281	136	268074	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.157	164	204039	20.000	ng/u1	0.01
64) Phenanthrene-d10	16.963	188	474544	20.000	ng/u1	0.00
79) Chrysene-d12	21.398	240	544399	20.000	ng/u1	0.01
88) Perylene-d12	24.586	264	672826	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	16380	8.441	ng/uL	0.00
4) Pyridine-d5	3.516	84	106364	21.315	ng/u1	0.00
7) Phenol-d5	6.746	99	111052	19.810	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.893	67	79486	22.474	ng/u1	0.00
11) 2-Chlorophenol-d4	7.087	132	85285	20.613	ng/u1	0.00
15) 4-Methylphenol-d8	8.251	113	87965	19.443	ng/u1	0.00
21) Nitrobenzene-d5	8.681	128	41370	20.666	ng/u1	0.00
24) 2-Nitrophenol-d4	9.393	143	46129	19.994	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.934	165	98990	20.329	ng/u1	0.00
31) 4-Chloroaniline-d4	10.440	131	107536	19.714	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	307478	19.412	ng/u1	0.00
49) Acenaphthylene-d8	13.845	160	335604	20.087	ng/u1	0.01
54) 4-Nitrophenol-d4	14.439	143	28872	14.875	ng/u1	0.03
60) Fluorene-d10	15.169	176	274228	19.683	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.328	200	53995	18.827	ng/u1	0.02
73) Anthracene-d10	17.069	188	448786	20.722	ng/u1	0.02
81) Pyrene-d10	19.451	212	562147	19.764	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.374	264	716196	19.884	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.140	88	17910	8.341	ng/uL	95
5) Pyridine	3.534	79	108963	21.377	ng/u1	98
6) Benzaldehyde	6.716	77	80059m	24.981	ng/u1	
8) Phenol	6.775	94	118158	20.246	ng/u1	99
10) Bis(2-Chloroethyl)ether	6.981	93	96618	20.973	ng/u1	95
12) 2-Chlorophenol	7.116	128	86124	19.856	ng/u1	97
13) 2-Methylphenol	7.993	108	85543	19.765	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.046	45	126870	22.647	ng/u1	98
16) Acetophenone	8.351	105	154121	20.239	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.328	70	83154	20.041	ng/u1	97
18) 4-Methylphenol	8.316	108	92429	19.786	ng/u1	98
19) Hexachloroethane	8.581	117	44889	21.256	ng/u1	96
22) Nitrobenzene	8.728	77	133326	21.889	ng/u1	94
23) Isophorone	9.240	82	218636	20.265	ng/u1	99
25) 2-Nitrophenol	9.422	139	50906	20.656	ng/u1	95
26) 2,4-Dimethylphenol	9.493	107	112884	20.686	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.710	93	125891	20.653	ng/u1	99
29) 2,4-Dichlorophenol	9.957	162	98212	20.351	ng/u1	98
30) Naphthalene	10.328	128	285699	20.358	ng/u1	99
32) 4-Chloroaniline	10.463	127	106722	20.177	ng/u1	99
33) Hexachlorobutadiene	10.604	225	90947	21.245	ng/u1	99
34) Caprolactam	11.251	113	25161m	17.869	ng/u1	
35) 4-Chloro-3-methylphenol	11.610	107	103910	19.830	ng/u1	97
36) 2-Methylnaphthalene	11.945	142	205531	19.749	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.163	142	208552	19.665	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.322	216	153435	20.607	ng/ul	97
40) Hexachlorocyclopentadiene	12.281	237	71410	19.961	ng/ul	98
41) 2,4,6-Trichlorophenol	12.575	196	87312	19.815	ng/ul	98
42) 2,4,5-Trichlorophenol	12.675	196	93513	19.863	ng/ul	99
43) 1,1'-Biphenyl	12.969	154	291515	20.164	ng/ul	99
44) 2-Chloronaphthalene	13.016	162	233456	19.964	ng/ul	98
45) 2-Nitroaniline	13.245	65	71078	20.979	ng/ul	98
47) Dimethylphthalate	13.604	163	294403	18.868	ng/ul	99
48) 2,6-Dinitrotoluene	13.751	165	57105	19.101	ng/ul	93
50) Acenaphthylene	13.869	152	339803	19.972	ng/ul	99
51) 3-Nitroaniline	14.110	138	48614	19.401	ng/ul	92
52) Acenaphthene	14.216	153	251018	20.185	ng/ul	98
53) 2,4-Dinitrophenol	14.328	184	29673	15.391	ng/ul	94
55) 4-Nitrophenol	14.451	109	54269	20.753	ng/ul	95
56) Dibenzofuran	14.563	168	370366	19.610	ng/ul	99
57) 2,4-Dinitrotoluene	14.563	165	88762	18.424	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	14.816	232	89608	19.172	ng/ul	96
59) Diethylphthalate	14.992	149	298193	19.163	ng/ul	99
61) Fluorene	15.228	166	297562	19.350	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.216	204	173059	19.403	ng/ul	95
63) 4-Nitroaniline	15.286	138	45071m	20.451	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.339	198	57136	18.780	ng/ul#	88
67) N-Nitrosodiphenylamine	15.439	169	255673	21.098	ng/ul	100
68) 4-Bromophenyl-phenylether	16.128	248	115704	20.654	ng/ul	98
69) Hexachlorobenzene	16.257	284	136266	19.855	ng/ul	96
70) Atrazine	16.422	200	111388	21.124	ng/ul	98
71) Pentachlorophenol	16.633	266	75489	18.845	ng/ul	98
72) Phenanthrene	17.010	178	496763	20.249	ng/ul	100
74) Anthracene	17.104	178	506628	20.653	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.934	216	150481	21.999	ng/uL	98
76) Pentachlorobenzene	14.481	250	161631	21.437	ng/uL	100
77) Carbazole	17.404	167	425030	21.267	ng/ul	99
78) Di-n-butylphthalate	17.974	149	488027	19.874	ng/ul	100
80) Fluoranthene	19.110	202	628411	19.281	ng/ul	99
82) Pyrene	19.486	202	685435	19.819	ng/ul	99
83) Butylbenzylphthalate	20.445	149	229620	19.170	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.310	252	250716	20.070	ng/ul#	97
85) Benzo(a)anthracene	21.380	228	741852	20.321	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	328056	19.072	ng/ul#	99
87) Chrysene	21.445	228	701889	20.063	ng/ul	100
89) Di-n-octyl phthalate	22.510	149	595274	18.115	ng/ul	100
90) Benzo(b)fluoranthene	23.586	252	822046	19.446	ng/ul	99
91) Benzo(k)fluoranthene	23.645	252	814487	19.365	ng/ul	99
93) Benzo(a)pyrene	24.445	252	757219	19.756	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.186	276	1038263m	21.079	ng/ul	
95) Dibenzo(a,h)anthracene	28.239	278	818092m	20.754	ng/ul	
96) Benzo(g,h,i)perylene	29.315	276	798775m	21.181	ng/ul	

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

