

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
 Data File : BP023413.D
 Acq On : 13 Dec 2024 09:19
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020748

Quant Time: Dec 13 11:18:58 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 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	98832	20.000	ng/u1	0.00
20) Naphthalene-d8	10.281	136	363364	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.145	164	261784	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.951	188	597168	20.000	ng/u1	0.00
79) Chrysene-d12	21.369	240	700070	20.000	ng/u1	-0.02
88) Perylene-d12	24.539	264	868702	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	18906	7.043	ng/uL	0.00
4) Pyridine-d5	3.511	84	129200	18.717	ng/u1	0.00
7) Phenol-d5	6.746	99	145052	18.705	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	98988	20.233	ng/u1	0.00
11) 2-Chlorophenol-d4	7.081	132	108119	18.891	ng/u1	0.00
15) 4-Methylphenol-d8	8.252	113	112458	17.968	ng/u1	0.00
21) Nitrobenzene-d5	8.681	128	52702	19.423	ng/u1	0.00
24) 2-Nitrophenol-d4	9.387	143	59916	19.160	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.928	165	126752	19.204	ng/u1	0.00
31) 4-Chloroaniline-d4	10.428	131	137201	18.556	ng/u1	-0.01
46) Dimethylphthalate-d6	13.551	166	364316	17.927	ng/u1	0.00
49) Acenaphthylene-d8	13.840	160	414921	19.357	ng/u1	0.00
54) 4-Nitrophenol-d4	14.428	143	33311	13.376	ng/u1	0.02
60) Fluorene-d10	15.163	176	323233	18.083	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.316	200	60583	16.786	ng/u1	0.00
73) Anthracene-d10	17.051	188	534384	19.608	ng/u1	0.00
81) Pyrene-d10	19.422	212	673473	18.413	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.321	264	860761	18.510	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.134	88	22082m	7.434	ng/uL	
5) Pyridine	3.528	79	129236	18.328	ng/u1	100
6) Benzaldehyde	6.710	77	106866m	24.106	ng/u1	
8) Phenol	6.775	94	151585	18.777	ng/u1	100
10) Bis(2-Chloroethyl)ether	6.975	93	122373	19.203	ng/u1	97
12) 2-Chlorophenol	7.116	128	111632	18.605	ng/u1	97
13) 2-Methylphenol	7.987	108	111303	18.590	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.046	45	156186	20.154	ng/u1	98
16) Acetophenone	8.352	105	194301	18.445	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.328	70	105399	18.363	ng/u1	99
18) 4-Methylphenol	8.316	108	118069	18.271	ng/u1	99
19) Hexachloroethane	8.581	117	56678	19.401	ng/u1	99
22) Nitrobenzene	8.722	77	168983	20.467	ng/u1	96
23) Isophorone	9.234	82	275826	18.862	ng/u1	98
25) 2-Nitrophenol	9.422	139	65796	19.697	ng/u1	97
26) 2,4-Dimethylphenol	9.487	107	142873	19.315	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.704	93	157607	19.076	ng/u1	98
29) 2,4-Dichlorophenol	9.957	162	125002	19.110	ng/u1	98
30) Naphthalene	10.322	128	362711	19.068	ng/u1	98
32) 4-Chloroaniline	10.451	127	131858	18.391	ng/u1	99
33) Hexachlorobutadiene	10.599	225	115656	19.932	ng/u1	96
34) Caprolactam	11.246	113	31639m	16.577	ng/u1	
35) 4-Chloro-3-methylphenol	11.593	107	127303	17.923	ng/u1	96
36) 2-Methylnaphthalene	11.940	142	260702	18.481	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.157	142	265481	18.469	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.316	216	192441	20.145	ng/ul	98
40) Hexachlorocyclopentadiene	12.275	237	80002	17.430	ng/ul	99
41) 2,4,6-Trichlorophenol	12.569	196	110914	19.619	ng/ul	97
42) 2,4,5-Trichlorophenol	12.663	196	115749	19.163	ng/ul	95
43) 1,1'-Biphenyl	12.957	154	353387	19.052	ng/ul	99
44) 2-Chloronaphthalene	13.004	162	293918	19.590	ng/ul	100
45) 2-Nitroaniline	13.234	65	87063	20.029	ng/ul	97
47) Dimethylphthalate	13.598	163	357335	17.850	ng/ul	98
48) 2,6-Dinitrotoluene	13.740	165	70954	18.498	ng/ul	99
50) Acenaphthylene	13.863	152	416133	19.063	ng/ul	99
51) 3-Nitroaniline	14.092	138	62465	19.430	ng/ul	92
52) Acenaphthene	14.210	153	305675	19.158	ng/ul	96
53) 2,4-Dinitrophenol	14.322	184	32743m	13.237	ng/ul	
55) 4-Nitrophenol	14.440	109	41670	12.420	ng/ul	94
56) Dibenzofuran	14.551	168	445635	18.391	ng/ul	98
57) 2,4-Dinitrotoluene	14.545	165	109466	17.710	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.810	232	109131	18.199	ng/ul	98
59) Diethylphthalate	14.987	149	358110	17.937	ng/ul	99
61) Fluorene	15.222	166	360862	18.290	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.210	204	208206	18.194	ng/ul	95
63) 4-Nitroaniline	15.269	138	58593	20.722	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.334	198	64946	16.963	ng/ul	93
67) N-Nitrosodiphenylamine	15.439	169	303635	19.911	ng/ul	98
68) 4-Bromophenyl-phenylether	16.122	248	138600	19.661	ng/ul	97
69) Hexachlorobenzene	16.245	284	163040	18.878	ng/ul	96
70) Atrazine	16.416	200	133615	20.136	ng/ul	98
71) Pentachlorophenol	16.616	266	96410	19.125	ng/ul	97
72) Phenanthrene	16.992	178	587357	19.025	ng/ul	99
74) Anthracene	17.086	178	597738	19.363	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.928	216	188707	21.923	ng/uL	96
76) Pentachlorobenzene	14.475	250	194566	20.507	ng/uL	99
77) Carbazole	17.386	167	519868	20.671	ng/ul	99
78) Di-n-butylphthalate	17.957	149	602093	19.484	ng/ul	99
80) Fluoranthene	19.086	202	755041	18.015	ng/ul	98
82) Pyrene	19.463	202	830251	18.668	ng/ul	100
83) Butylbenzylphthalate	20.416	149	298489	19.378	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.286	252	311863	19.414	ng/ul#	98
85) Benzo(a)anthracene	21.351	228	909324	19.370	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	424993	19.213	ng/ul#	99
87) Chrysene	21.421	228	849055	18.873	ng/ul	100
89) Di-n-octyl phthalate	22.474	149	768034	18.102	ng/ul	100
90) Benzo(b)fluoranthene	23.533	252	1043317	19.116	ng/ul	99
91) Benzo(k)fluoranthene	23.598	252	993363	18.292	ng/ul	100
93) Benzo(a)pyrene	24.392	252	919860	18.588	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.092	276	1199332	18.859	ng/ul	99
95) Dibenzo(a,h)anthracene	28.156	278	942422m	18.517	ng/ul	
96) Benzo(g,h,i)perylene	29.198	276	918092	18.856	ng/ul	98

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

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