

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
 Data File : BP022446.D
 Acq On : 17 Oct 2024 14:37
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020659

Quant Time: Oct 18 04:13:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 05:42:26 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	83420	20.000	ng/u1	0.00
20) Naphthalene-d8	10.428	136	325402	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	301374	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	759336	20.000	ng/u1	0.01
79) Chrysene-d12	21.504	240	896436	20.000	ng/u1	-0.01
88) Perylene-d12	24.762	264	1058473	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	16365	7.623	ng/uL	0.00
4) Pyridine-d5	3.611	84	107654	18.268	ng/u1	0.00
7) Phenol-d5	6.858	99	132852	18.919	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	77627	18.809	ng/u1	0.00
11) 2-Chlorophenol-d4	7.210	132	101157	20.302	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	106213	18.953	ng/u1	0.00
21) Nitrobenzene-d5	8.804	128	50009	19.987	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	60652	20.938	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	127238	20.667	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	138482	19.036	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	467991	19.545	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	500537	19.681	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	70994	17.673	ng/u1	0.00
60) Fluorene-d10	15.292	176	419408	20.194	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	93490	18.720	ng/u1	0.00
73) Anthracene-d10	17.180	188	727694	20.372	ng/u1	0.00
81) Pyrene-d10	19.569	212	917852	19.362	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.539	264	1073633	18.993	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	17469	7.568	ng/uL	97
5) Pyridine	3.628	79	113086	18.715	ng/u1	97
6) Benzaldehyde	6.828	77	87063	22.943	ng/u1	96
8) Phenol	6.881	94	133078	18.215	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.099	93	107269	19.619	ng/u1	99
12) 2-Chlorophenol	7.240	128	101937	19.784	ng/u1	98
13) 2-Methylphenol	8.110	108	102183	19.273	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.187	45	120410	18.949	ng/u1	95
16) Acetophenone	8.475	105	178823	19.329	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.457	70	93024	19.846	ng/u1	99
18) 4-Methylphenol	8.434	108	108148	18.387	ng/u1	99
19) Hexachloroethane	8.728	117	49469	20.616	ng/u1	97
22) Nitrobenzene	8.846	77	143187	19.172	ng/u1	99
23) Isophorone	9.369	82	261816	19.552	ng/u1	99
25) 2-Nitrophenol	9.552	139	60703	19.445	ng/u1	99
26) 2,4-Dimethylphenol	9.610	107	135030	19.900	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.840	93	147983	19.463	ng/u1	96
29) 2,4-Dichlorophenol	10.081	162	123001	20.288	ng/u1	100
30) Naphthalene	10.475	128	340159	19.626	ng/u1	99
32) 4-Chloroaniline	10.587	127	134474	18.726	ng/u1	96
33) Hexachlorobutadiene	10.757	225	104834	20.516	ng/u1	99
34) Caprolactam	11.357	113	34733m	17.770	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	132328	20.005	ng/u1	96
36) 2-Methylnaphthalene	12.081	142	245899	19.328	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	258533	19.909	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.451	216	223014	20.013	ng/ul	90
40) Hexachlorocyclopentadiene	12.428	237	135173	19.910	ng/ul#	93
41) 2,4,6-Trichlorophenol	12.698	196	137392	19.601	ng/ul	97
42) 2,4,5-Trichlorophenol	12.775	196	145553	19.502	ng/ul	98
43) 1,1'-Biphenyl	13.098	154	415109	19.109	ng/ul	98
44) 2-Chloronaphthalene	13.140	162	344259	19.359	ng/ul	99
45) 2-Nitroaniline	13.357	65	91880	17.304	ng/ul	92
47) Dimethylphthalate	13.734	163	466104	19.535	ng/ul	100
48) 2,6-Dinitrotoluene	13.857	165	92510	20.498	ng/ul	91
50) Acenaphthylene	13.998	152	536104	20.311	ng/ul	100
51) 3-Nitroaniline	14.192	138	80652	19.027	ng/ul	94
52) Acenaphthene	14.345	153	351081	18.810	ng/ul	98
53) 2,4-Dinitrophenol	14.410	184	64455	19.411	ng/ul	95
55) 4-Nitrophenol	14.516	109	80951	18.157	ng/ul	95
56) Dibenzofuran	14.687	168	560156	19.980	ng/ul	97
57) 2,4-Dinitrotoluene	14.663	165	140129	19.982	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.922	232	149517	21.462	ng/ul#	96
59) Diethylphthalate	15.116	149	456989	19.964	ng/ul	99
61) Fluorene	15.351	166	461781	20.215	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.345	204	274964	21.048	ng/ul	97
63) 4-Nitroaniline	15.369	138	87817	20.589	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.434	198	96699	17.976	ng/ul	97
67) N-Nitrosodiphenylamine	15.557	169	397713	19.559	ng/ul	100
68) 4-Bromophenyl-phenylether	16.257	248	195822	21.385	ng/ul	92
69) Hexachlorobenzene	16.392	284	27744m	2.461	ng/ul	
70) Atrazine	16.533	200	166723	19.725	ng/ul	94
71) Pentachlorophenol	16.733	266	166005	22.906	ng/ul	98
72) Phenanthrene	17.128	178	799814	19.688	ng/ul	99
74) Anthracene	17.210	178	814269	20.085	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.063	216	222693	19.261	ng/uL	99
76) Pentachlorobenzene	14.610	250	265234	20.752	ng/uL	98
77) Carbazole	17.498	167	692747	19.311	ng/ul	98
78) Di-n-butylphthalate	18.092	149	785365	19.786	ng/ul	99
80) Fluoranthene	19.216	202	1077507	19.772	ng/ul	98
82) Pyrene	19.592	202	1115036	19.090	ng/ul	97
83) Butylbenzylphthalate	20.539	149	381414	18.755	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.416	252	436348	20.420	ng/ul	99
85) Benzo(a)anthracene	21.486	228	1219245	19.401	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	559481	19.166	ng/ul	100
87) Chrysene	21.557	228	1113542	19.110	ng/ul	100
89) Di-n-octyl phthalate	22.663	149	956428	18.996	ng/ul	100
90) Benzo(b)fluoranthene	23.739	252	1323595	19.866	ng/ul#	99
91) Benzo(k)fluoranthene	23.804	252	1283834	19.681	ng/ul	99
93) Benzo(a)pyrene	24.621	252	1198254	19.541	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.456	276	1550564m	18.949	ng/ul	
95) Dibenzo(a,h)anthracene	28.533	278	1281536	19.340	ng/ul#	98
96) Benzo(g,h,i)perylene	29.603	276	1246025	19.577	ng/ul	100

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

