

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101724\
 Data File : BP022451.D
 Acq On : 17 Oct 2024 19:22
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020661

Quant Time: Oct 18 03:23:32 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	7.663	152	106190	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	440817	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.293	164	384383	20.000	ng/u1	0.02
64) Phenanthrene-d10	17.081	188	967594	20.000	ng/u1	0.00
79) Chrysene-d12	21.522	240	933316	20.000	ng/u1	0.00
88) Perylene-d12	24.774	264	867598	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	18530	6.781	ng/uL	0.00
4) Pyridine-d5	3.611	84	139808	18.637	ng/u1	0.00
7) Phenol-d5	6.858	99	170094	19.029	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	104150	19.824	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	129634	20.438	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	148769	20.855	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	67960	20.050	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	84864	21.626	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	173619	20.817	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	195550	19.843	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	617321	20.213	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	642277	19.801	ng/u1	0.01
54) 4-Nitrophenol-d4	14.528	143	93209	18.193	ng/u1	0.02
60) Fluorene-d10	15.298	176	539387	20.362	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	121350	19.069	ng/u1	0.00
73) Anthracene-d10	17.192	188	890155	19.556	ng/u1	0.00
81) Pyrene-d10	19.569	212	1092452	22.134	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.557	264	892540	19.263	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	19418	6.609	ng/uL	99
5) Pyridine	3.628	79	141951	18.455	ng/u1	99
6) Benzaldehyde	6.822	77	114741	23.753	ng/u1	96
8) Phenol	6.881	94	175088	18.827	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.099	93	143575	20.628	ng/u1	98
12) 2-Chlorophenol	7.240	128	127729	19.474	ng/u1	99
13) 2-Methylphenol	8.105	108	136757	20.263	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.187	45	163269	20.184	ng/u1	99
16) Acetophenone	8.475	105	245993	20.888	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.463	70	132404	22.190	ng/u1	98
18) 4-Methylphenol	8.434	108	150229	20.064	ng/u1	95
19) Hexachloroethane	8.722	117	62444	20.443	ng/u1	99
22) Nitrobenzene	8.846	77	196341	19.406	ng/u1	100
23) Isophorone	9.369	82	384339	21.187	ng/u1	99
25) 2-Nitrophenol	9.552	139	84854	20.064	ng/u1	98
26) 2,4-Dimethylphenol	9.610	107	187372	20.384	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.840	93	213078	20.687	ng/u1	98
29) 2,4-Dichlorophenol	10.087	162	169581	20.647	ng/u1	98
30) Naphthalene	10.475	128	464732	19.793	ng/u1	98
32) 4-Chloroaniline	10.581	127	190322	19.564	ng/u1	99
33) Hexachlorobutadiene	10.757	225	144802	20.918	ng/u1	99
34) Caprolactam	11.375	113	52380m	19.782	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	193369	21.579	ng/u1	98
36) 2-Methylnaphthalene	12.087	142	357963	20.770	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	372283	21.163	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.463	216	276076	19.424	ng/ul	93
40) Hexachlorocyclopentadiene	12.440	237	189268	21.857	ng/ul	99
41) 2,4,6-Trichlorophenol	12.710	196	176386	19.730	ng/ul	99
42) 2,4,5-Trichlorophenol	12.787	196	191862	20.155	ng/ul	98
43) 1,1'-Biphenyl	13.110	154	533689	19.263	ng/ul	100
44) 2-Chloronaphthalene	13.151	162	434860	19.173	ng/ul	97
45) 2-Nitroaniline	13.363	65	130642	19.291	ng/ul	95
47) Dimethylphthalate	13.740	163	618297	20.317	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	124248	21.585	ng/ul	98
50) Acenaphthylene	14.004	152	686442	20.391	ng/ul	98
51) 3-Nitroaniline	14.210	138	107350	19.857	ng/ul	96
52) Acenaphthene	14.351	153	465130	19.539	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	86926	20.525	ng/ul	97
55) 4-Nitrophenol	14.540	109	110821	19.489	ng/ul	92
56) Dibenzofuran	14.687	168	707512	19.786	ng/ul	100
57) 2,4-Dinitrotoluene	14.669	165	190269	21.272	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.934	232	189778	21.359	ng/ul#	96
59) Diethylphthalate	15.134	149	618513	21.185	ng/ul	98
61) Fluorene	15.357	166	597128	20.495	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.345	204	350754	21.052	ng/ul	98
63) 4-Nitroaniline	15.375	138	111485	20.493	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.440	198	128072	18.684	ng/ul	97
67) N-Nitrosodiphenylamine	15.575	169	508231	19.614	ng/ul	100
68) 4-Bromophenyl-phenylether	16.269	248	250287	21.450	ng/ul	96
69) Hexachlorobenzene	16.381	284	302500	21.062	ng/ul	97
70) Atrazine	16.557	200	213020	19.778	ng/ul	95
71) Pentachlorophenol	16.734	266	198202	21.462	ng/ul	96
72) Phenanthrene	17.128	178	1014087	19.589	ng/ul	99
74) Anthracene	17.234	178	1030198	19.942	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.075	216	275190	18.679	ng/uL	97
76) Pentachlorobenzene	14.622	250	322267	19.787	ng/uL	96
77) Carbazole	17.498	167	858856	18.789	ng/ul	98
78) Di-n-butylphthalate	18.092	149	1064533	21.047	ng/ul	100
80) Fluoranthene	19.216	202	1296692	22.853	ng/ul	98
82) Pyrene	19.592	202	1335548	21.961	ng/ul	97
83) Butylbenzylphthalate	20.545	149	456759	21.573	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.427	252	428866	19.277	ng/ul	97
85) Benzo(a)anthracene	21.498	228	1278122	19.535	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	617321	20.312	ng/ul	99
87) Chrysene	21.563	228	1171959	19.318	ng/ul	100
89) Di-n-octyl phthalate	22.680	149	941218	22.807	ng/ul	100
90) Benzo(b)fluoranthene	23.757	252	1147255	21.007	ng/ul#	99
91) Benzo(k)fluoranthene	23.821	252	1123006	21.003	ng/ul	99
93) Benzo(a)pyrene	24.633	252	998937	19.874	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.498	276	1076946	16.056	ng/ul	97
95) Dibenzo(a,h)anthracene	28.556	278	888274	16.355	ng/ul	99
96) Benzo(g,h,i)perylene	29.633	276	851725	16.326	ng/ul	99

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

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